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SCHLAGE

ND SERIES

SERVICE MANUAL

SCHLAGE

ND Series Service Manual

Ingersoll Rand
Security Technologies

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Introduction

This manual contains a complete listing of ND-Series (Grade 1) cylindrical lock parts and assemblies manufactured by the Schlage Lock Company. This edition lists components of ND-Series locks manufactured after November, 2003.

Exploded views of each lock chassis and trim assemblies are provided with an accompanying chart to identify parts for replacement purposes. In addition, this manual provides lock trim ordering procedures, general cylinder information, and all auxiliary components of the ND-Series cylindrical locks.

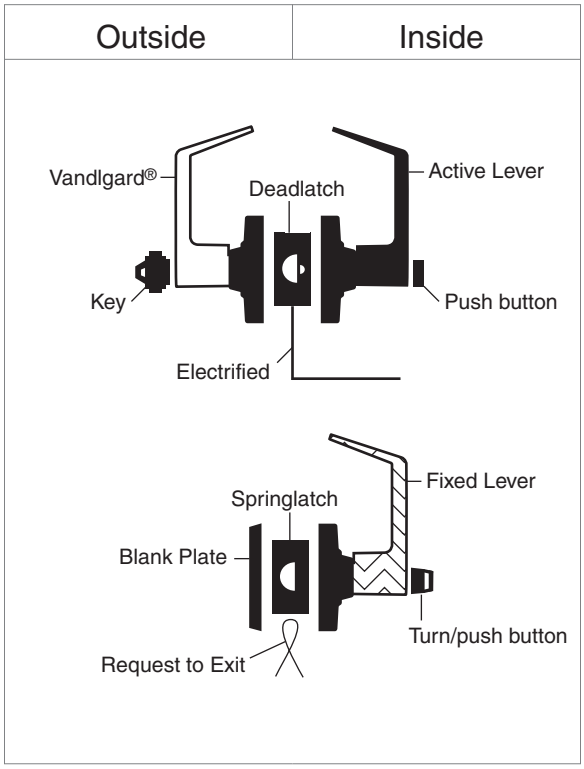
Standard Features*

Certifications	ANSI A156 .2, 2003, Series 4000, Grade 1, UL Listed for 3-hour fire door.
Latch	1⅛" x 2¼", Square corner faceplate, 1" housing diameter, ½" throw.
Strike	1¼" x 4⅞", ANSI, Square corner, no box.
Backset	2¾"
Cylinder	6-Pin solid brass, keyed 6-pin, C123 keyway, keyed different (KD)**
Door Range	Standard Lock Functions: 1⅝" - 2⅛" Vandlgard® Lock Functions: 1⅝" - 2⅛" ND85: 1¾" - 2"
Keys	Two nickel silver cut keys per lock, 6-pin, C123 section**

* *Locks are furnished with standard features unless otherwise specified.*
** *Items specified in C keyway will be furnished with cylinder keyed 5-pin and with 5-pin keys unless otherwise specified.*

Lock Assembly Drawing Index

The Lock Assembly Drawing Index provides visual representations and textual descriptions of available functions. Page numbers for full trim and chassis drawings are referenced.

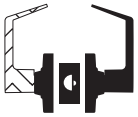
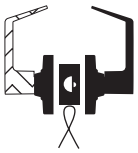


Changes and Additions

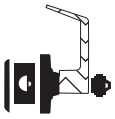
Additions

Lock Function	Additional Available Feature	Notes
Competitor Cylinder Options Available with the following functions: Single cylinder– ND50D, ND53D, ND70D, ND73D, ND80D, ND80EL/EU & RX, ND91D, ND92D, ND94D, ND96D, ND96DEL/EU & RX, ND97D Double cylinder– ND60D, ND66D, ND75D, ND82D, ND93D, ND95D		The following competitor lever designs are available: Sargent Key In Lever Sargent Full Size Interchangeable Core Cylinder Corbin Russwin Full Size Interchangeable Core Cylinder Yale Full Size Interchangeable Core Cylinder Available in finishes 613, 626 and 626AM.

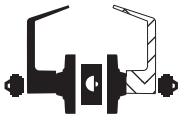
Lock Assembly Drawing Index

Function		ANSI A156.2, 1996, Series 4000, Grade 1			Trim	Chassis
SCHLAGE	**ANSI**	**DESCRIPTION**	**OUTSIDE FUNCTION**	**INSIDE FUNCTION**	**Page**	**Page**
ND10	**F75**	**Passage Latch**	Lever is always unlocked.	Lever is always unlocked and is always free for immediate egress.	38	7
ND12	**F89**	**Exit Lock**	Lever is fixed. 	Lever is always unlocked and is always free for immediate egress.	39	8
ND12-RX		**Exit Lock with Request to Exit**	Same as ND12. 	Same as ND12. A microswitch attached to the chassis is activated when the lever is rotated. The switch signals use of the lever to security systems allowing non-disruptive egress.	40	9
ND12EL		**Exit Lock— Electrically Locked (Fail Safe)**	Lever is continuously locked by electric current until unlocked by switch or power failure.	Lever is always unlocked and is always free for immediate egress.	41	10
ND12EL-RX		**Exit Lock— Electrically Locked (Fail Safe) with Request to Exit**	Same as ND12EL.	Same as ND12EL. A microswitch attached to the chassis is activated when the lever is rotated. The switch signals use of the lever to security systems allowing non-disruptive egress.	42	11
ND12EU		**Exit Lock— Electrically Unlocked (Fail Secure)**	Lever is continuously locked mechanically until unlocked by electric current.	Lever is always unlocked and is always free for immediate egress.	43	12
ND12EU-RX		**Exit Lock— Electrically Unlocked (Fail Secure) wtih Request to Exit**	Same as ND12EU.	Same as ND12EU. A micro switch attached to the chassis is activated when the lever is rotated. The switch signals use of the lever to security systems allowing non-disruptive egress.	44	13

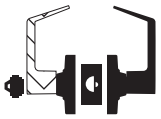
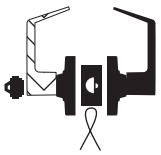
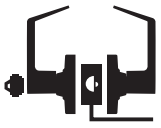
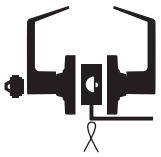
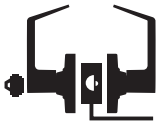
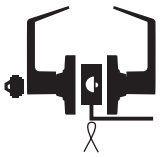
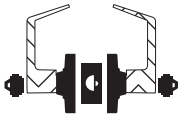
NOTE: Any function with deadlatch locks latchbolt when door is closed. See page iii for identification.

Function		ANSI A156.2, 1996, Series 4000, Grade 1			Trim	Chassis
SCHLAGE	**ANSI**	**DESCRIPTION**	**OUTSIDE FUNCTION**	**INSIDE FUNCTION**	**Page**	**Page**
ND170		**Single Dummy Trim**	Inactive trim for one side of door. Use for door pull or as matching inactive trim.		45	14
ND25		**Exit Lock with Blank Plate**	Blank plate.	Inside lever is always unlocked and is always free for immediate egress.	46	15
ND25 x 70		**Classroom Exit Lock†** Per XN12-004	Blank plate.	Key locks or unlocks lever.	47	16
ND25 x 80		**Storeroom Exit Lock†** Per XN12-005	Blank plate. 	Key retracts latch. Lever is fixed.	48	17
ND30		**Patio Lock** Per XN12-007		Push-button locks outside lever. Turning inside lever or closing door releases button.	49	18
ND40	**F76**	**Bath/Bedroom Privacy Lock**	Can be opened from outside with small screwdriver or emergency release tool.	Push-button locks outside lever. Turning inside lever or closing door releases button. Inside lever is always free for immediate egress.	50	18
ND44		**Hospital Privacy Lock**	Unlocked from outside by turning emergency turn-button.	Push-button locks outside lever. Turning inside lever or closing door releases button. Inside lever is always free for immediate egress.	51	18
ND50	**F82**	**Entrance/Office Lock***	Lever is unlocked with key when push-button is pushed.	Push-button locks outside lever. Turning inside lever releases button. Inside lever is always free for immediate egress.	52	19
ND53	**F109**	**Entrance Lock***	Key retracts latch when button pushed and turned. Lever is unlocked with key when push-button is pushed.	Turn/push-button: pushing and turning button locks outside lever until manually unlocked. Push-button: pushing button locks outside lever until unlocked by turning inside lever. Inside always free for immediate egress.	53	19

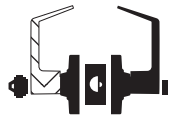
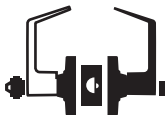
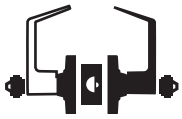
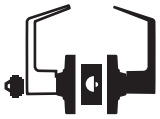
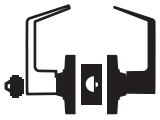
NOTE: Any function with deadlatch locks latchbolt when door is closed. See page iii for identification.
**Available with Small Format Interchangeable Core.*
† C*aution:* *These locks on residences and any door in any structure which is used for egress are a life safety hazard in times of emergency and their use is not recommended. Installation should be in accordance with existing codes only.*

Function		ANSI A156.2, 1996, Series 4000, Grade 1			Trim	Chassis
SCHLAGE	ANSI	DESCRIPTION	OUTSIDE FUNCTION	INSIDE FUNCTION	Page	Page
ND60	**F88**	**Vestibule Lock***	Latch retracted by key when locked by inside key.	Inside lever is always unlocked and is always free for immediate egress. Key locks and unlocks outside lever.	54	20
ND60		**ND60 With Closed Lever Outside** Per XN12-001	Same as ND60 except lever is closed.	Same as ND60.	55	20
ND66	**F91**	**Store Lock*†**	Key locks or unlocks both levers simultaneously.	Key locks or unlocks both levers simultaneously.	56	21
ND70	**F84**	**Classroom Lock***	Outside lever locked or unlocked by key.	Inside lever is always unlocked and always free for immediate egress.	57	22
ND70 x 80		**Classroom by Storeroom Lock†** Per XN12-006	Outside lever locked or unlocked by key.	 Key in fixed lever retracts latch.	58	23
ND72		**Communicating Lock*†** Per XN12-002	Outside lever only locked or unlocked by key.	Inside lever only locked or unlocked by key.	59	24
ND72		**Communicating Lock with Vandlgard®*†** Per XN12-003	Same as ND72. Vandlgard allows outside spindle to disengage from latch when locked.	Same as ND72. Vandlgard allows outside spindle to disengage from latch when locked.	60	25
ND73	**F90**	**Corridor Lock***	Locked or unlocked by key. When locked by key it can only be unlocked by key.	Push-button locks outside lever. Turning lever or closing door releases button. Inside lever is always unlocked and is always free for immediate egress.	61	26
ND75		**Classroom Security Lock***	Outside lever locked or unlocked by key in either lever.	Key locks or unlocks outside lever. Inside lever is always unlocked and is always free for immediate egress.	62	27

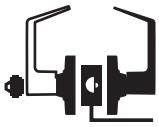
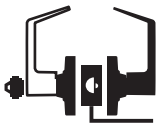
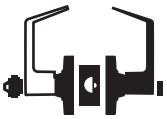
NOTE: Any function with deadlatch locks latchbolt when door is closed. See page iii for identification.
**Available with Small Format Interchangeable Core.*
† *Caution:* *These locks on residences and any door in any structure which is used for egress are a life safety hazard in times of emergency and their use is not recommended. Installation should be in accordance with existing codes only.*

Function		ANSI A156.2, 1996, Series 4000, Grade 1				Trim	Chassis
SCHLAGE	ANSI	DESCRIPTION	OUTSIDE FUNCTION		INSIDE FUNCTION	Page	Page
ND80	**F86**	**Storeroom Lock***	Lever is fixed. Entrance by key only.		Inside lever is always unlocked and is always free for immediate egress.	63	8
ND80-RX		**Storeroom Lock* with Request to Exit**	Same as ND80.		Same as ND80. A microswitch attached to the chassis is activated when the lever is rotated. The switch signals use of the lever to security systems allowing non-disruptive egress.	64	9
ND80EL		**Storeroom Lock—Electrically Locked (Fail Safe)***	Lever is continuously locked electrically. Unlocked by switch or power failure. When locked, key retracts latch.		Inside lever is always unlocked and is always free for immediate egress.	65	10
ND80EL-RX		**Storeroom Lock—Electrically Unlocked (Fail Safe)* with Request to Exit**	Same as ND80EL-RX.		Same as ND80EL. A microswitch attached to the chassis is activated when the lever is rotated. The switch signals use of the lever to security systems allowing non-disruptive egress.	66	11
ND80EU		**Storeroom Lock—Electrically Locked (Fail Secure)***	Lever is continuously locked mechanically until unlocked by electric current. When locked, key retracts latch.		Inside lever is always unlocked and is always free for immediate egress.	67	12
ND80EU-RX		**Storeroom Lock—Electrically Locked (Fail Secure) with Request to Exit***	Same as ND80EU-RX.		Same as ND80EU. A microswitch attached to the chassis is activated when the lever is rotated. The switch signals use of the lever to security systems allowing non-disruptive egress.	68	13
ND82	**F87**	**Institution Lock*†**	Lever is fixed. Entrance by key only.		Lever is fixed. Exit by key only.	69	28

NOTE: Any function with deadlatch locks latchbolt when door is closed. See page iii for identification.
**Available with Small Format Interchangeable Core.*
† C*aution:* *These locks on residences and any door in any structure which is used for egress are a life safety hazard in times of emergency and their use is not recommended. Installation should be in accordance with existing codes only.*

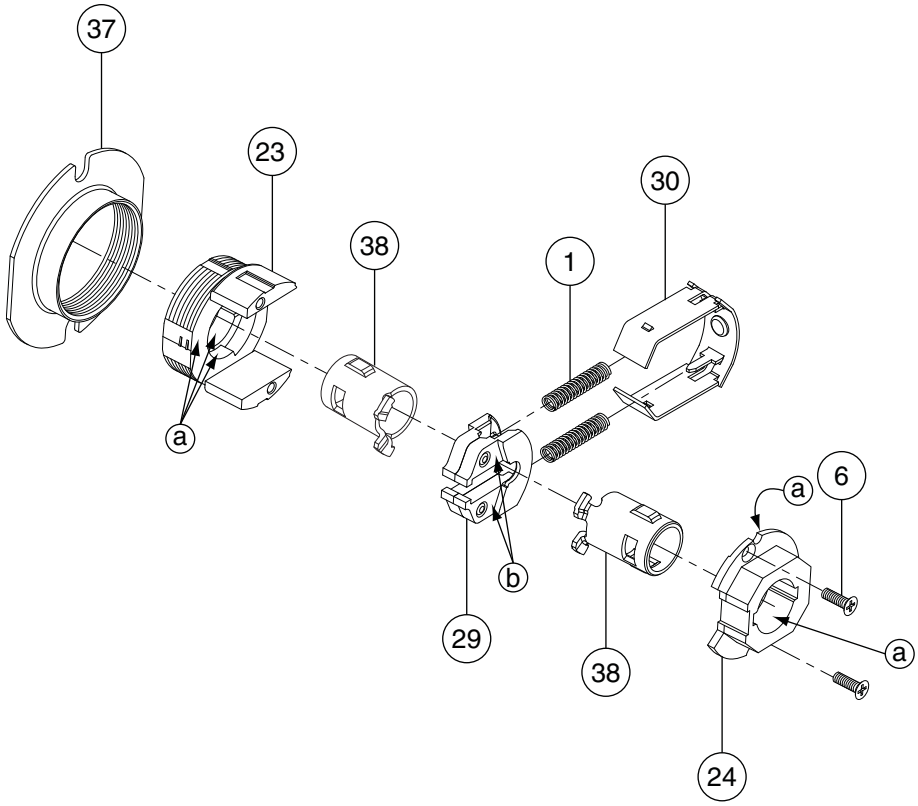
Function		ANSI A156.2, 1996, Series 4000, Grade 1				Trim	Chassis
SCHLAGE	**ANSI**	**DESCRIPTION**	**OUTSIDE FUNCTION**		**INSIDE FUNCTION**	**Page**	**Page**
ND85		**Faculty Restroom Lock**	Lever is fixed. Entrance by key only.		Push-button activates occupancy indicator, allowing only emergency master key to operate. Turning lever or closing door releases indicator. Spanner-button rotation provides lock-out feature. Inside lever is always free for immediate egress.	70	29
ND91	**F82**	**Entrance/Office Lock with Vandlgard®***	Lever is unlocked with key when push-button is pushed. Vandlgard allows outside spindle to disengage from latch when locked.		Push-button locks outside lever. Turning inside lever releases button. Inside lever is always free for immediate egress.	71	30
ND92	**F109**	**Entrance Lock with Vandlgard®***	Key retracts latch when button pushed and turned. Lever is unlocked with key when push-button is pushed. Vandlgard allows outside spindle to disengage from latch when locked.		Turn/push-button: pushing and turning button locks outside lever until manually unlocked. Push-button: pushing button locks outside lever until unlocked by turning inside lever. Inside always free for immediate egress.	72	30
ND93	**F88**	**Vestibule Lock with Vandlgard®***	Latch retracted by key when locked by inside key. Key locks and unlocks lever. Vandlgard allows outside spindle to disengage from latch when locked.		Inside lever is always unlocked and is always free for immediate egress.	73	31
ND94	**F84**	**Classroom Lock with Vandlgard®***	Outside lever locked or unlocked by key. Vandlgard allows outside spindle to disengage from latch when locked.		Inside lever is always unlocked and is always free for immediate egress.	74	32
ND95		**Classroom Security Lock with Vandlgard®***	Outside lever locked or unlocked by key in either lever. Vandlgard allows outside spindle to disengage from latch when locked.		Key locks or unlocks outside lever. Inside lever is always unlocked and is always free for immediate egress.	75	33
ND96	**F86**	**Storeroom Lock with Vandlgard®***	Lever always disengaged. Entrance by key only. Vandlgard allows outside spindle to disengage from latch when locked.		Inside lever is always unlocked and is always free for immediate egress.	76	34

NOTE: Any function with deadlatch locks latchbolt when door is closed. See page iii for identification.
**Available with Small Format Interchangeable Core.*

Function		ANSI A156.2, 1996, Series 4000, Grade 1			Trim	Chassis
SCHLAGE	ANSI	DESCRIPTION	OUTSIDE FUNCTION	INSIDE FUNCTION	Page	Page
ND96EL		**Storeroom Lock with Vandlgard®— Electrically Locked (Fail Safe)***	Lever is continuously locked electrically. Unlocked by key or power failure or switch. Auxiliary latch deadlocks latchbolt when door is closed. Vandlgard allows outside spindle to disengage from latch when locked. 	Inside is always unlocked and free for immediate egress.	77	35
ND96EU		**Storeroom Lock with Vandlgard®— Electrically Unlocked (Fail Secure)***	Lever is continuously locked until unlocked by key or electric current. Auxiliary latch deadlocks latchbolt when door is closed. Vandlgard allows outside spindle to disengage from latch when locked. 	Inside is always unlocked and free for immediate egress.	78	36
ND97		**Corridor Lock with Vandlgard®***	Locked or unlocked by key. When locked by key, outside lever can only be unlocked by key. Vandlgard allows outside spindle to disengage from latch when locked. 	Push-button locking. Turning lever or closing door releases button. Inside lever is always unlocked and is always free for immediate egress.	79	37

NOTE: Any function with deadlatch locks latchbolt when door is closed. See page iii for identification.
**Available with Small Format Interchangeable Core.*

ND10
Passage Latch



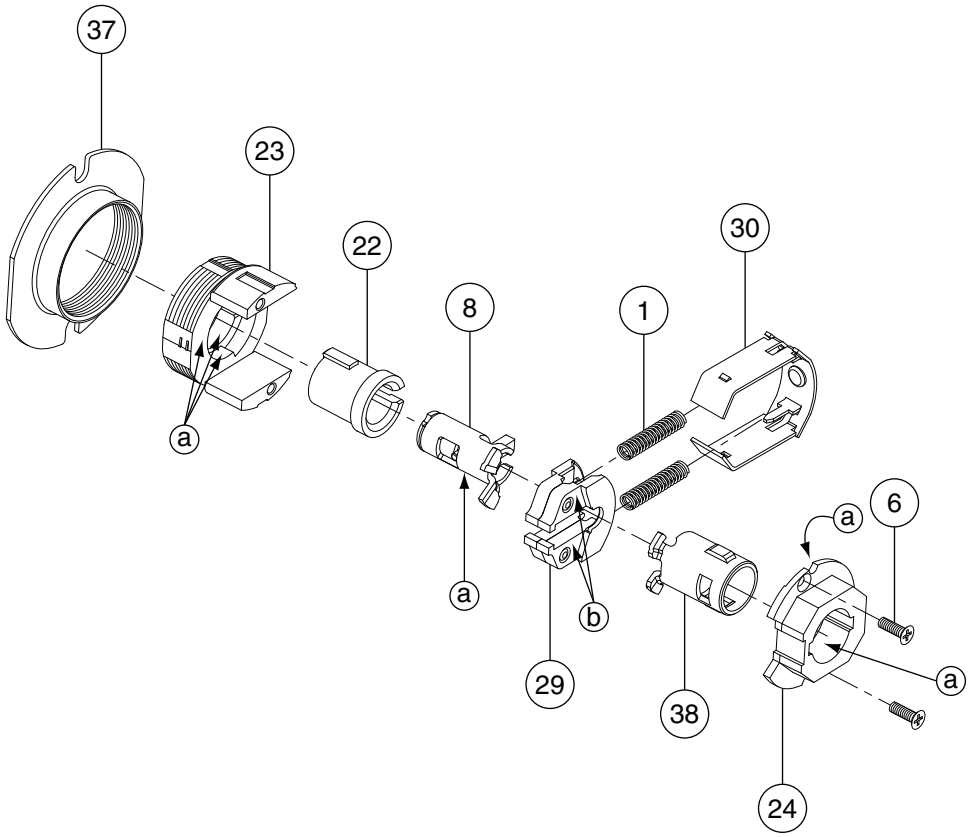
ⓐ Apply light film of 100% synthetic grease on surfaces with brush.

ⓑ Barrel or tumble with 100% synthetic grease to achieve approximately .015 to .040 film thickness.

Number	Description	Part Number
1	Slide Spring	C503-019
6	Chassis Screw	L583-454
23	Outside Housing	N523-014
24	Inside Hub	N523-015

Number	Description	Part Number
29	Slide	N523-024
30	Slide Clip	N523-025
37	Adjustment Plate	N523-054
38	Spindle	N523-056

ND12 and ND80
Exit Lock/Storeroom Lock



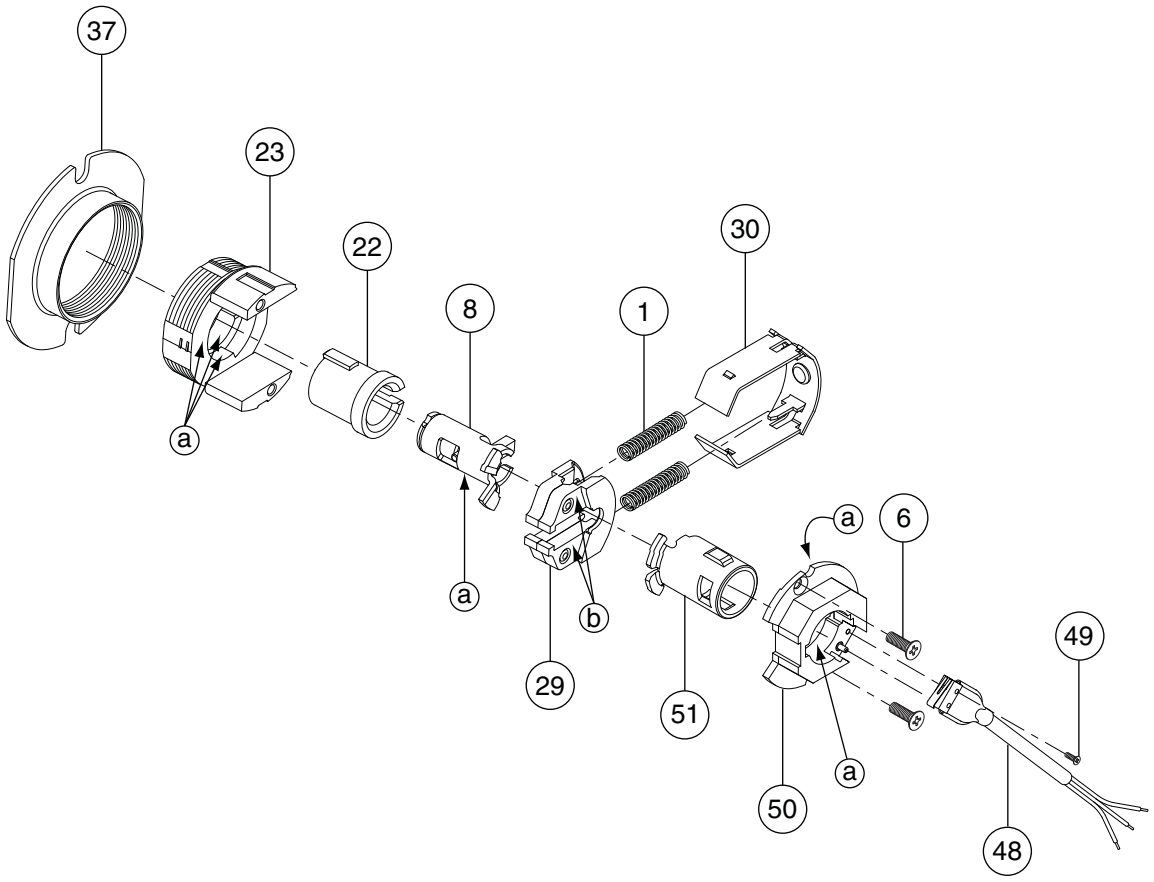
ⓐ Apply light film of 100% synthetic grease on surfaces with brush.

ⓑ Barrel or tumble with 100% synthetic grease to achieve approximately .015 to .040 film thickness.

Number	Description	Part Number
1	Slide Spring	C503-019
6	Chassis Screw	L583-454
8	Keycam Assembly	N123-008
22	Spindle	N523-013
23	Outside Housing	N523-014

Number	Description	Part Number
24	Inside Hub	N523-015
29	Slide	N523-024
30	Slide Clip	N523-025
37	Adjustment Plate	N523-054
38	Spindle	N523-056

ND12 and ND80 RX
Exit Lock/Storeroom Lock with Request-to-Exit



ⓐ Apply light film of 100% synthetic grease on surfaces with brush.

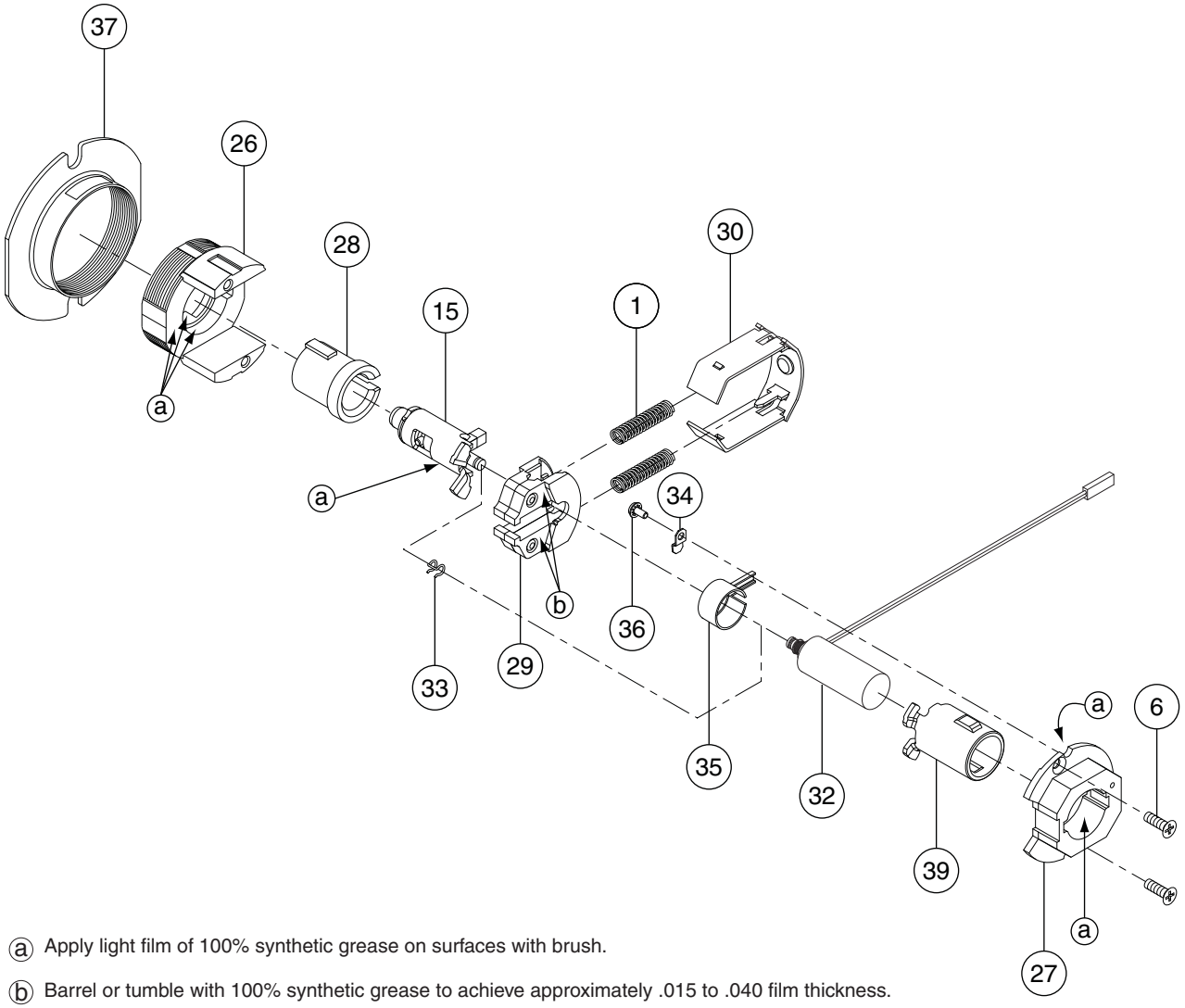
ⓑ Barrel or tumble with 100% synthetic grease to achieve approximately .015 to .040 film thickness.

Number	Description	Part Number
1	Slide Spring	C503-019
6	Chassis Screw	L583-454
8	Keycam Assembly	N123-008
22	Spindle	N523-013
23	Outside Housing	N523-014
29	Slide	N523-024

Number	Description	Part Number
30	Slide Clip	N523-025
37	Adjustment Plate	N523-054
48	RX Harness	N523-134
49	RX Harness Screw	N523-135
50	RX Inside Hub	N523-137
51	RX Inside Spindle	N523-138

ND12EL and ND80EL

Exit Lock and Storeroom Lock—Electrically Locked (Fail Safe)



ⓐ Apply light film of 100% synthetic grease on surfaces with brush.

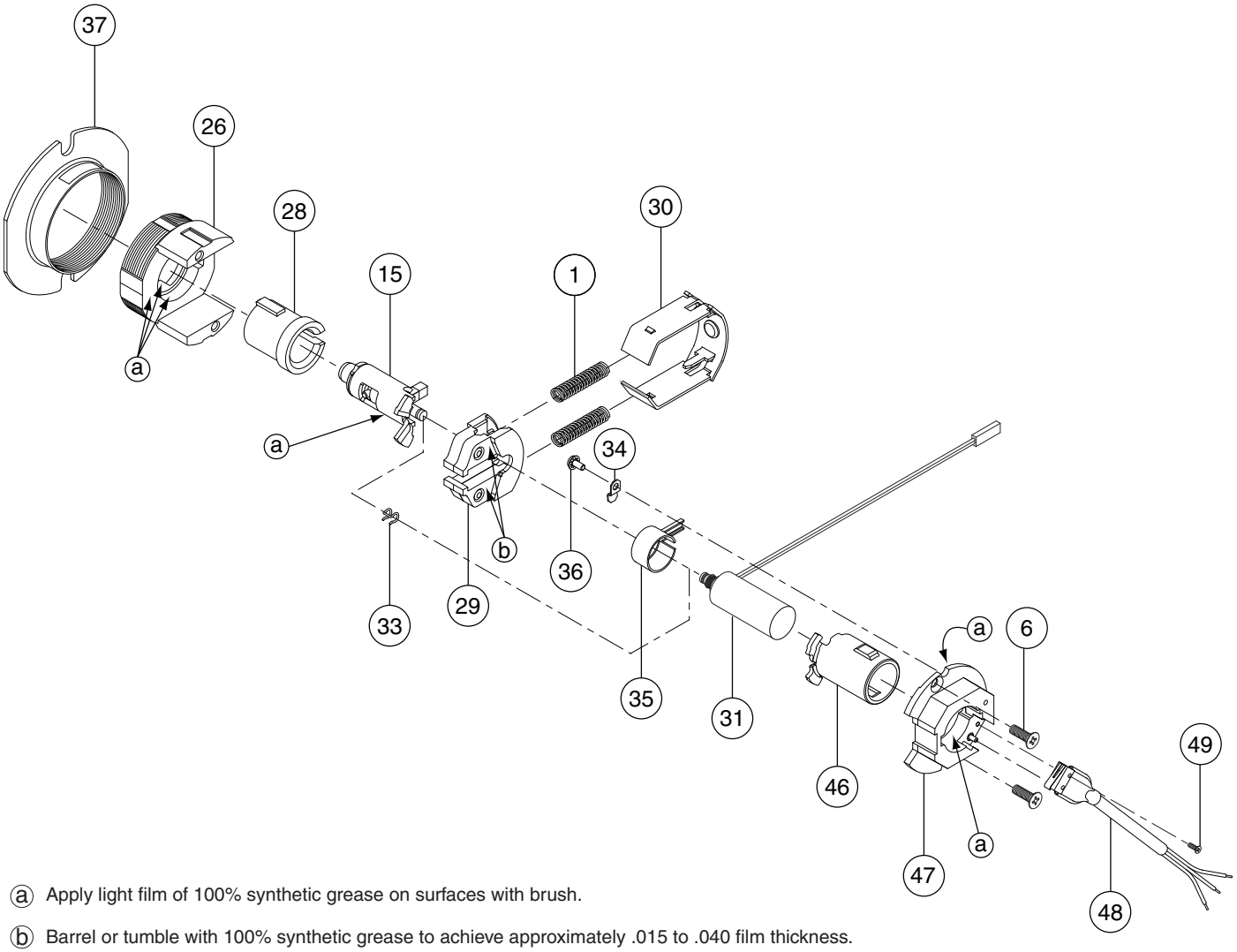
ⓑ Barrel or tumble with 100% synthetic grease to achieve approximately .015 to .040 film thickness.

Number	Description	Part Number
1	Slide Spring	C503-019
6	Chassis Screw	L583-454
15	Electrified Keycam Assembly	N123-024
26	Outside Electrified Housing	N523-017
27	Inside Hub—Electrified Functions	N523-018
28	Outside Electrified Spindle	N523-019
29	Slide	N523-024
30	Slide Clip	N523-025

Number	Description	Part Number
32	Solenoid—EL	N523-027
33	Clip	N523-028
34	Wire Clamp	N523-029
35	Sleeve	N523-031
36	Wire Clamp Screw	N523-033
37	Adjustment Plate	N523-054
39	Inside Electrified Spindle	N523-057

ND12EL and ND80EL RX

Exit Lock and Storeroom Lock—Electrically Locked (Fail Safe) with Request-to-Exit



ⓐ Apply light film of 100% synthetic grease on surfaces with brush.

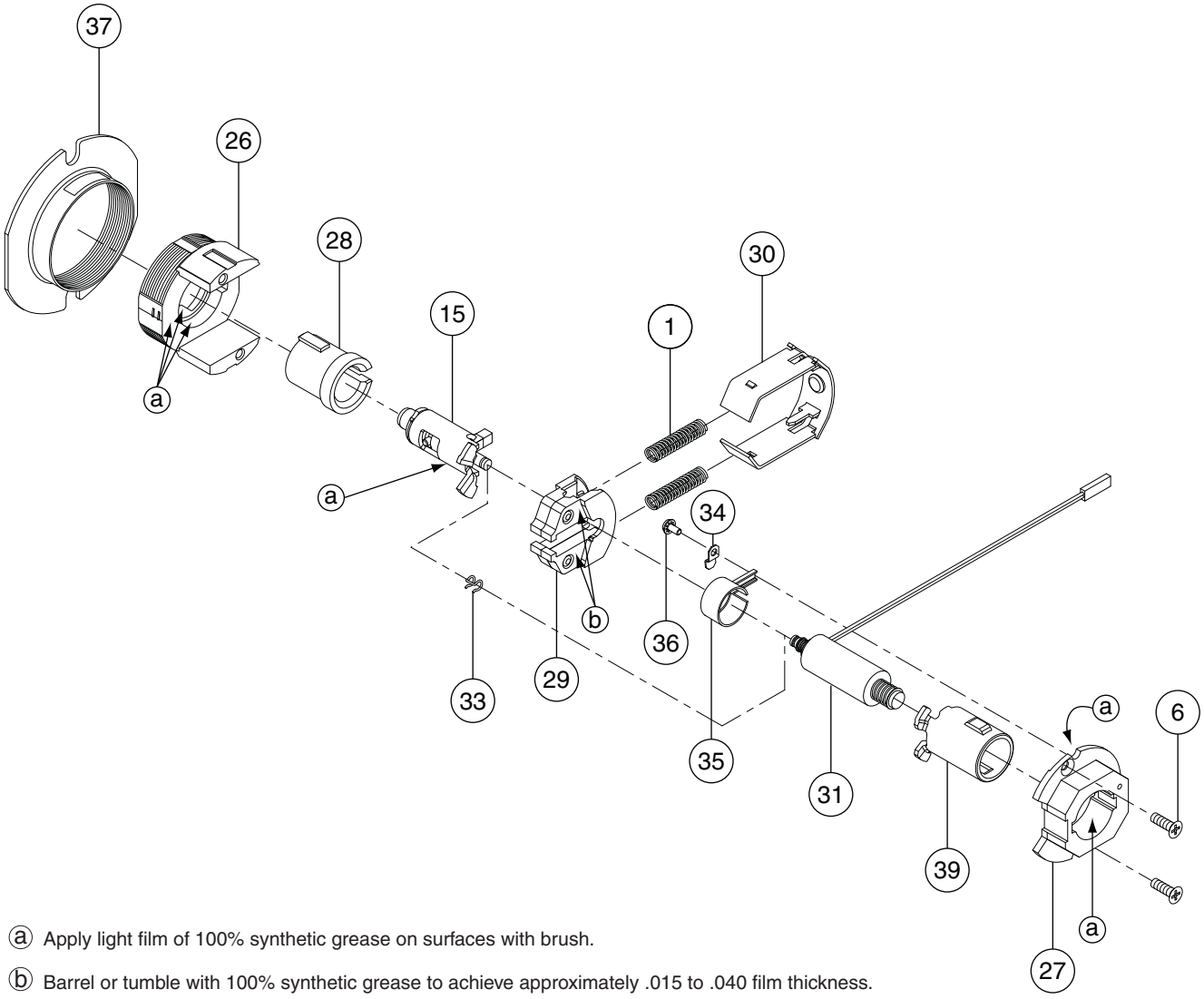
ⓑ Barrel or tumble with 100% synthetic grease to achieve approximately .015 to .040 film thickness.

Number	Description	Part Number
1	Slide Spring	C503-019
6	Chassis Screw	L583-454
15	Electrified Keycam Assembly	N123-024
26	Outside Electrified Housing	N523-017
28	Outside Electrifed Spindle	N523-019
29	Slide	N523-024
30	Slide Clip	N523-025
32	Solenoid—EL	N523-027
33	Clip	N523-028

Number	Description	Part Number
34	Wire Clamp	N523-029
35	Sleeve	N523-031
36	Wire Clamp Screw	N523-033
37	Adjustment Plate	N523-054
46	Inside Spindle Electrified	N523-132
47	Inside Hub Electrified, RX	N523-133
48	RX Harness	N523-134
49	RX Harness Screw	N523-135

ND12EU and ND80EU

Exit Lock and Storeroom Lock—Electrically Unlocked (Fail Secure)



ⓐ Apply light film of 100% synthetic grease on surfaces with brush.

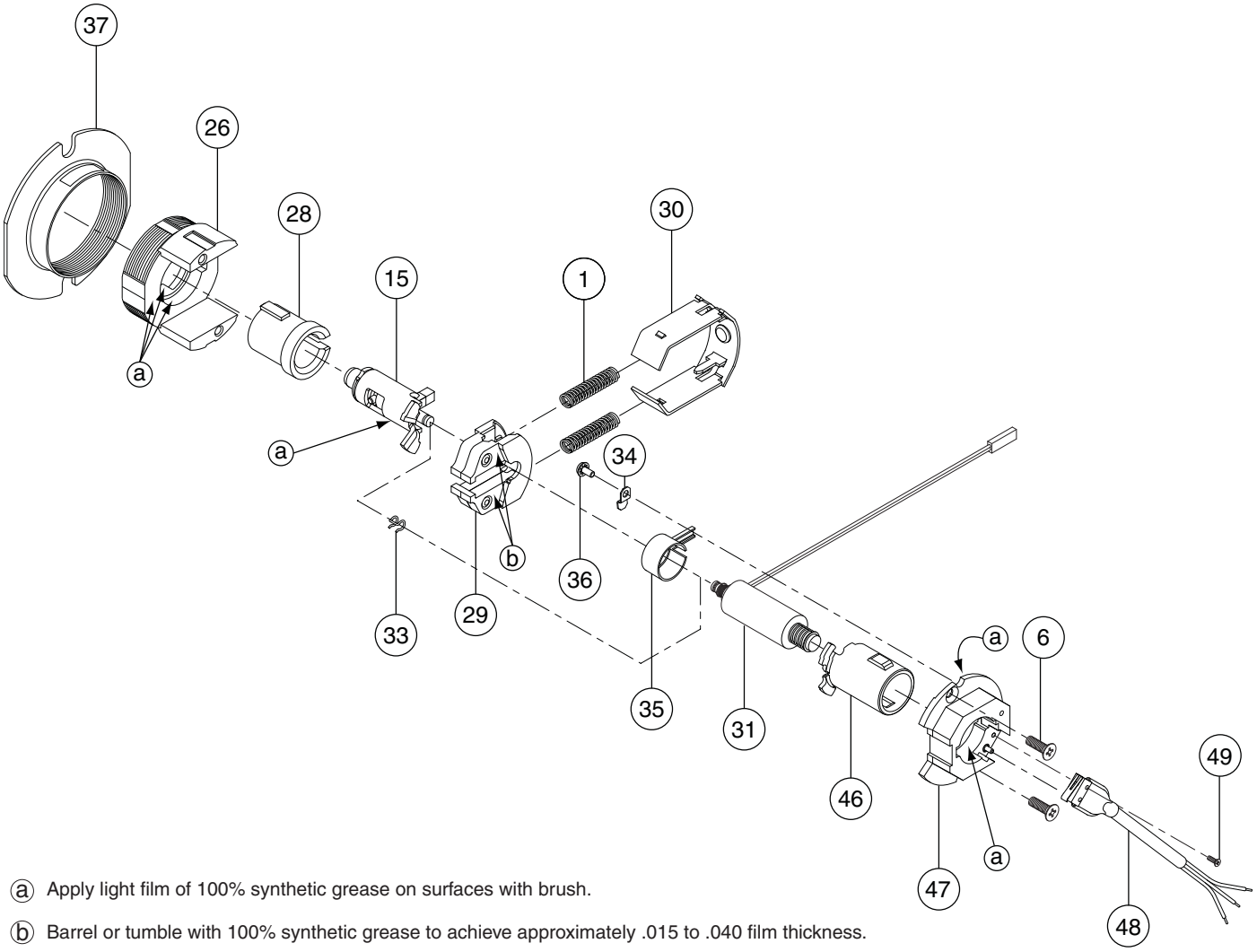
ⓑ Barrel or tumble with 100% synthetic grease to achieve approximately .015 to .040 film thickness.

Number	Description	Part Number
1	Slide Spring	C503-019
6	Chassis Screw	L583-454
15	Electrified Keycam Assembly	N123-024
26	Outside Electrified Housing	N523-017
27	Inside Hub—Electrified Functions	N523-018
28	Outside Electrified Spindle	N523-019
29	Slide	N523-024
30	Slide Clip	N523-025

Number	Description	Part Number
31	Solenoid—EU	N523-026
33	Clip	N523-028
34	Wire Clamp	N523-029
35	Sleeve	N523-031
36	Wire Clamp Screw	N523-033
37	Adjustment Plate	N523-054
39	Inside Electrified Spindle	N523-057

ND12EU and ND80EU RX

Exit Lock and Storeroom Lock—Electrically Unlocked (Fail Secure) with Request-to-Exit



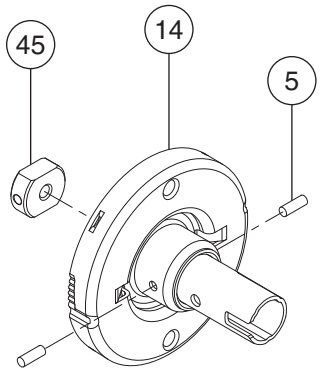
ⓐ Apply light film of 100% synthetic grease on surfaces with brush.

ⓑ Barrel or tumble with 100% synthetic grease to achieve approximately .015 to .040 film thickness.

Number	Description	Part Number
1	Slide Spring	C503-019
6	Chassis Screw	L583-454
15	Electrified Keycam Assembly	N123-024
26	Outside Electrified Housing	N523-017
28	Outside Electrifed Spindle	N523-019
29	Slide	N523-024
30	Slide Clip	N523-025
31	Solenoid—EU	N523-026
33	Clip	N523-028

Number	Description	Part Number
34	Wire Clamp	N523-029
35	Sleeve	N523-031
36	Wire Clamp Screw	N523-033
37	Adjustment Plate	N523-054
46	Inside Spindle Electrified	N523-132
47	Inside Hub Electrified, RX	N523-133
48	Harness, RX	N523-134
49	Screw, Harness, RX	N523-135

ND170
Single Dummy Trim

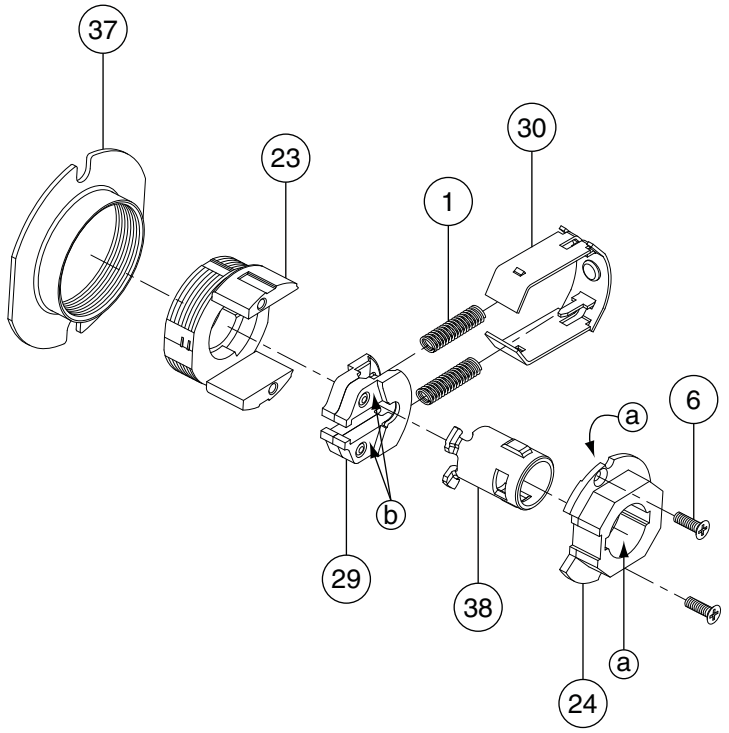


Number	Description	Part Number
5	Spindle Pin	C604-340
14	Spring Cage Assembly	N123-019
45	Dummy Insert	N523-069

For mounting two ND170 as double trim, see page 45.

Ingersoll Rand
Security Technologies

ND25
Exit Lock with Blank Plate



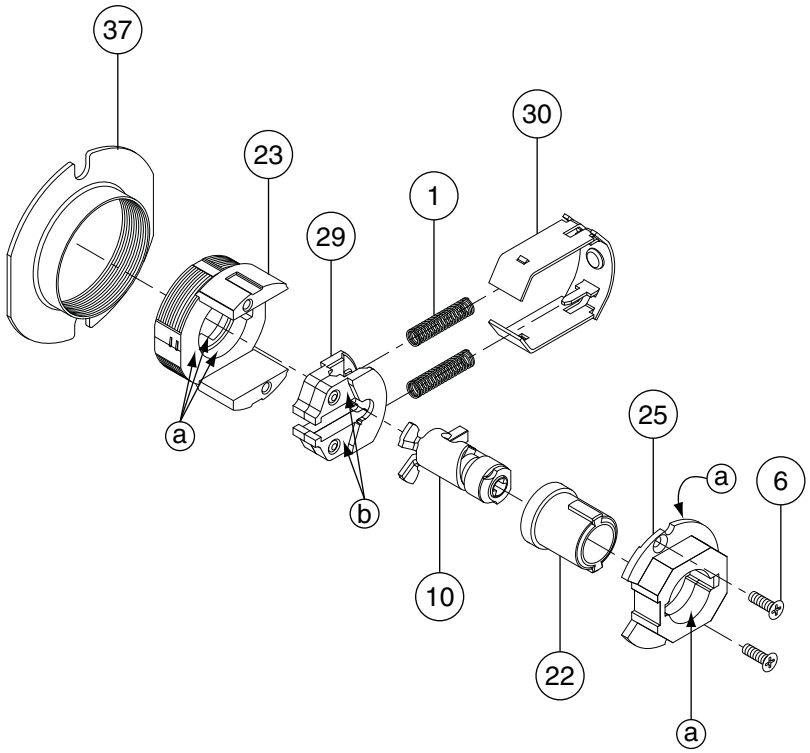
ⓐ Apply light film of 100% synthetic grease on surfaces with brush.

ⓑ Barrel or tumble with 100% synthetic grease to achieve approximately .015 to .040 film thickness.

Number	Description	Part Number
1	Slide Spring	C503-019
6	Chassis Screw	L583-454
23	Outside Housing	N523-014
24	Inside Hub	N523-015

Number	Description	Part Number
29	Slide	N523-024
30	Slide Clip	N523-025
37	Adjustment Plate	N523-054
38	Spindle	N523-056

ND25X70
Special—Classroom Exit Lock



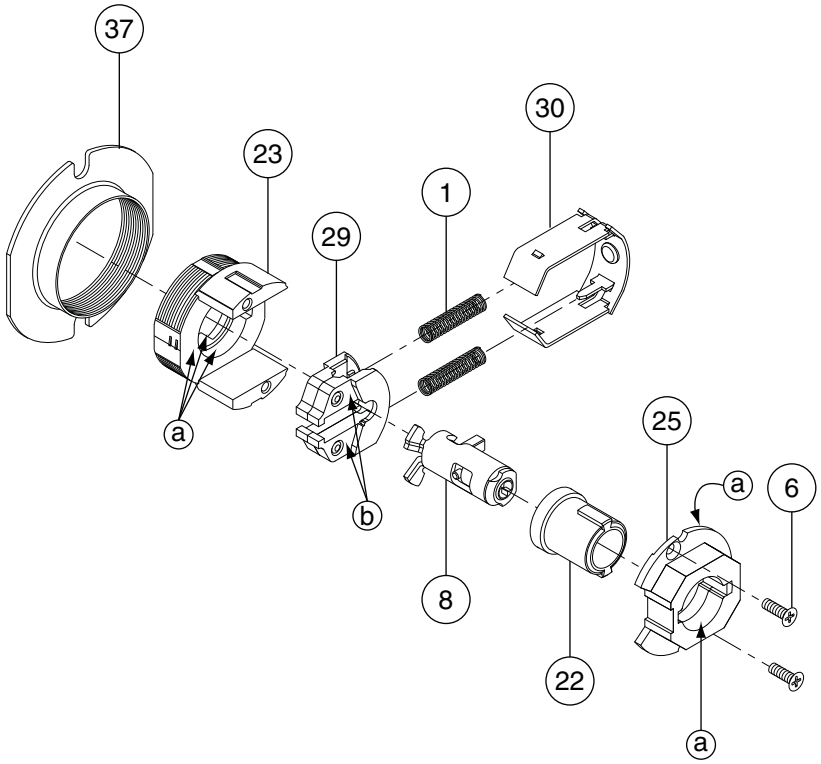
ⓐ Apply light film of 100% synthetic grease on surfaces with brush.

ⓑ Barrel or tumble with 100% synthetic grease to achieve approximately .015 to .040 film thickness.

Number	Description	Part Number
1	Slide Spring	C503-019
6	Chassis Screw	L583-454
10	Keycam Assembly	N123-010
22	Spindle	N523-013
23	Outside Housing	N523-014

Number	Description	Part Number
25	Inside Hub	N523-016
29	Slide	N523-024
30	Slide Clip	N523-025
37	Adjustment Plate	N523-054

ND25X80
Special—Storeroom Exit Lock



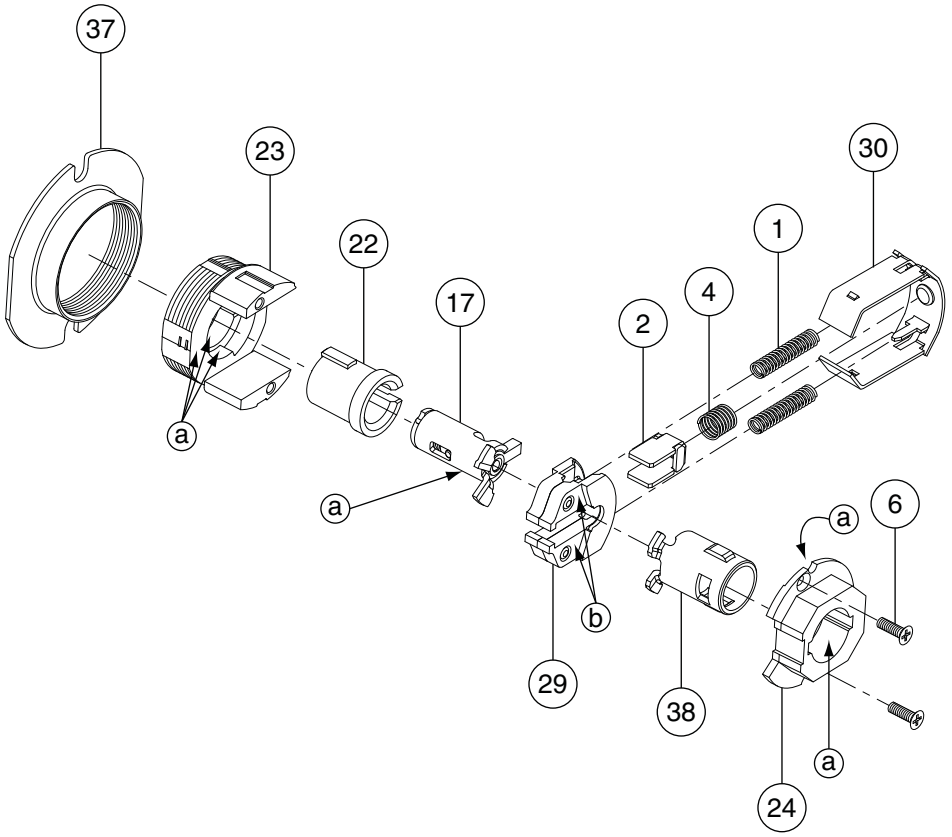
ⓐ Apply light film of 100% synthetic grease on surfaces with brush.

ⓑ Barrel or tumble with 100% synthetic grease to achieve approximately .015 to .040 film thickness.

Number	Description	Part Number
1	Slide Spring	C503-019
6	Chassis Screw	L583-454
8	Keycam Assembly	N123-008
22	Spindle	N523-013
23	Outside Housing	N523-014

Number	Description	Part Number
25	Inside Hub	N523-016
29	Slide	N523-024
30	Slide Clip	N523-025
37	Adjustment Plate	N523-054

ND30, ND40 and ND44
Patio, Bath/Bedroom Privacy and Hospital Privacy Lock



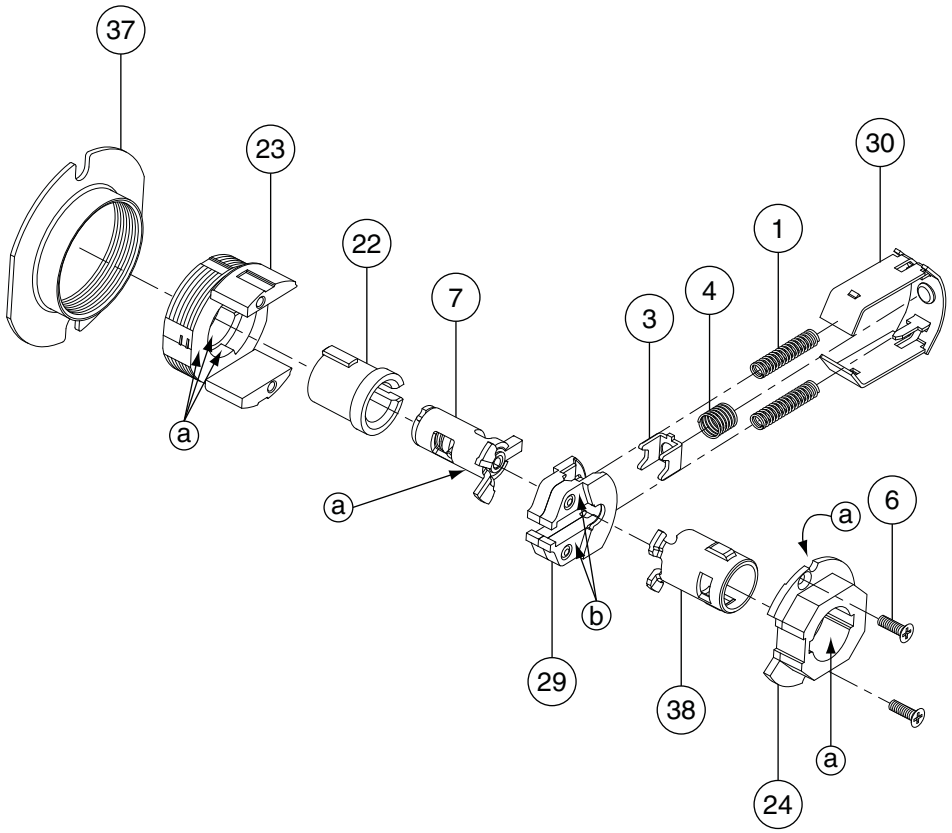
ⓐ Apply light film of 100% synthetic grease on surfaces with brush.

ⓑ Barrel or tumble with 100% synthetic grease to achieve approximately .015 to .040 film thickness.

Number	Description	Part Number
1	Slide Spring	C503-019
2	Restoring Slide Catch	C604-187
4	Slide Catch Spring	C604-191
6	Chassis Screw	L583-454
17	Keycam Assembly	N123-045
22	Spindle	N523-013

Number	Description	Part Number
23	Outside Housing	N523-014
24	Inside Hub	N523-015
29	Slide	N523-024
30	Slide Clip	N523-025
37	Adjustment Plate	N523-054
38	Spindle	N523-056

ND50 and ND53
Entrance/Office and Entrance Lock



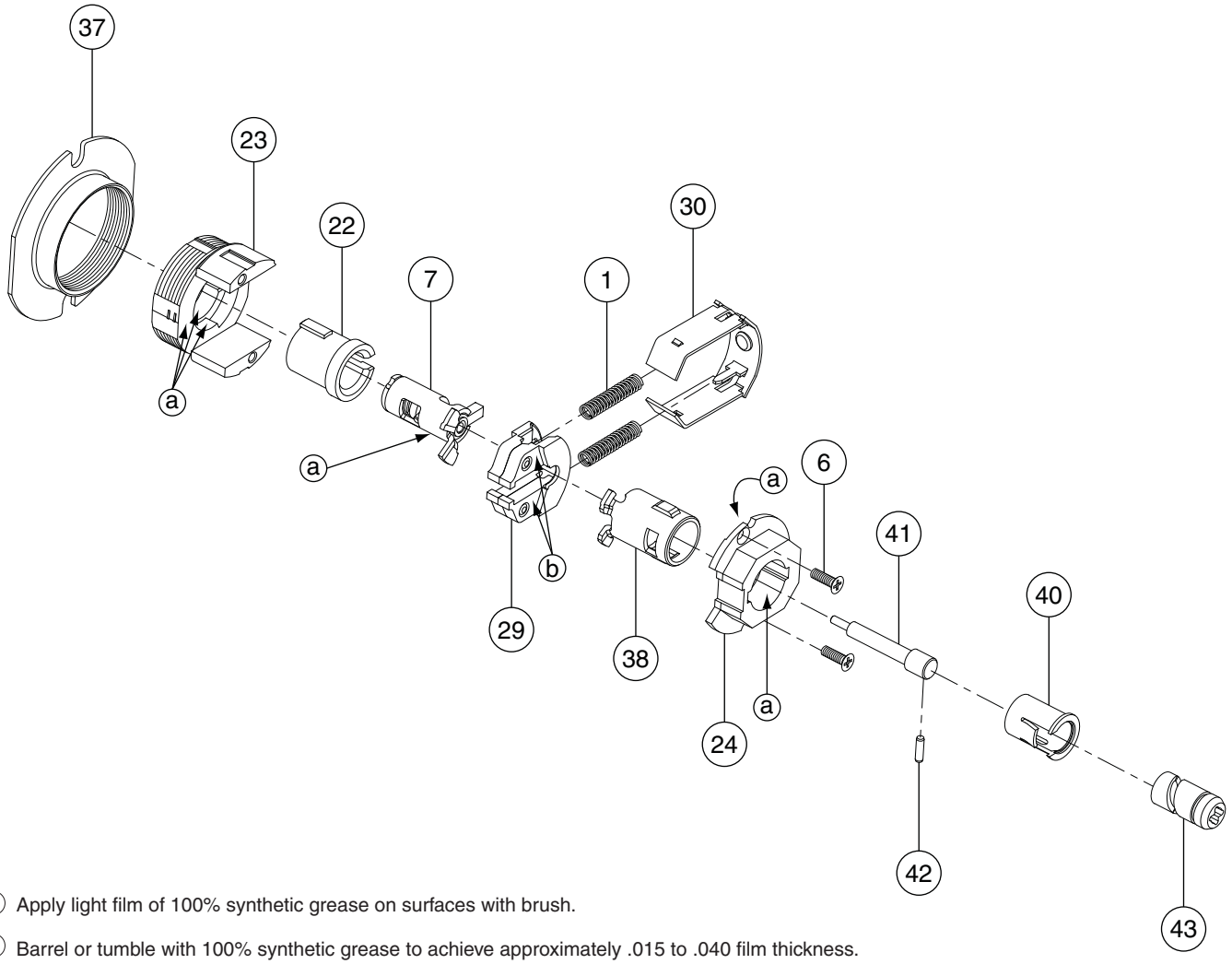
ⓐ Apply light film of 100% synthetic grease on surfaces with brush.

ⓑ Barrel or tumble with 100% synthetic grease to achieve approximately .015 to .040 film thickness.

Number	Description	Part Number
1	Slide Spring	C503-019
3	Slide Catch	C604-188
4	Slide Catch Spring	C604-191
6	Chassis Screw	L583-454
7	Keycam Assembly	N123-007
22	Spindle	N523-013

Number	Description	Part Number
23	Outside Housing	N523-014
24	Inside Hub	N523-015
29	Slide	N523-024
30	Slide Clip	N523-025
37	Adjustment Plate	N523-054
38	Spindle	N523-056

ND60
Vestibule Lock



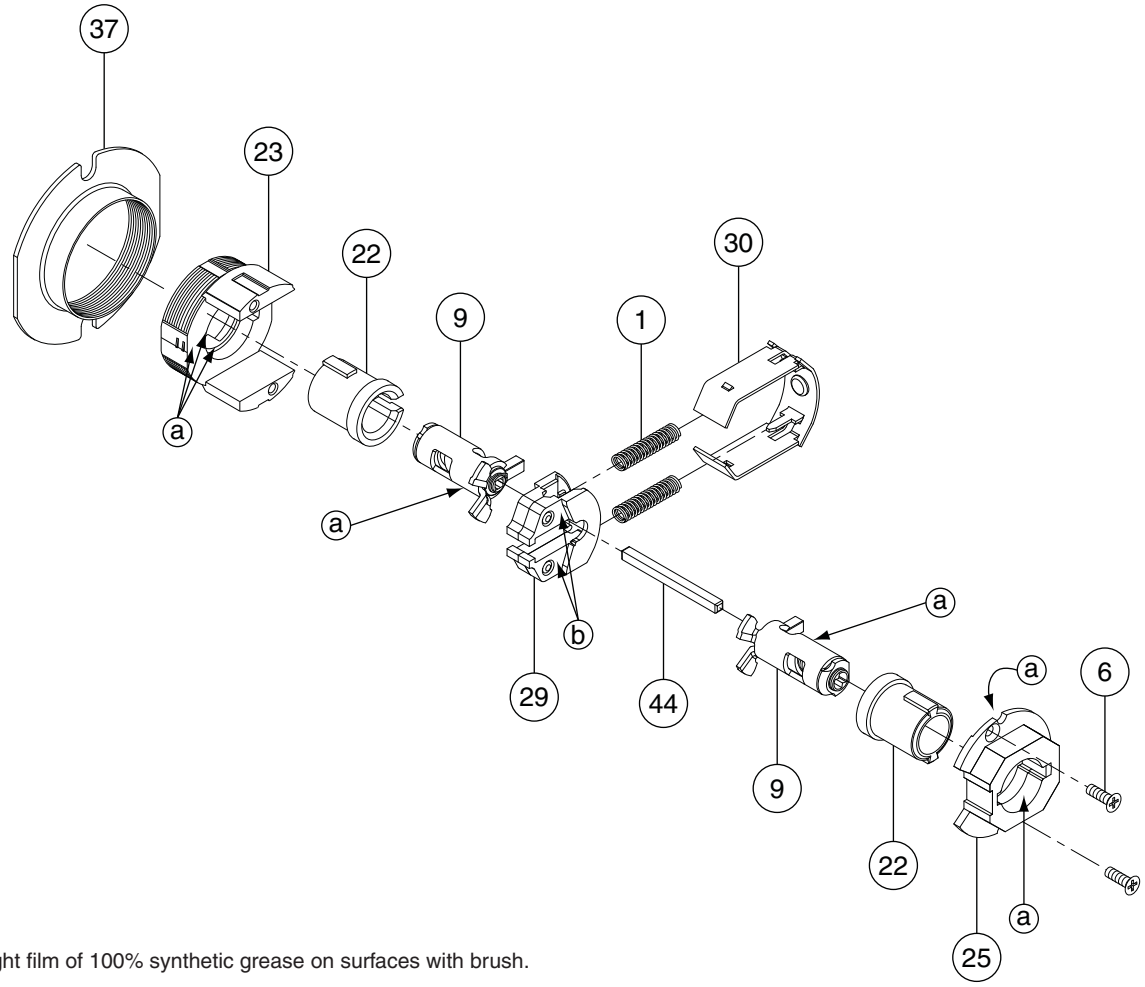
ⓐ Apply light film of 100% synthetic grease on surfaces with brush.

ⓑ Barrel or tumble with 100% synthetic grease to achieve approximately .015 to .040 film thickness.

Number	Description	Part Number
1	Slide Spring	C503-019
6	Chassis Screw	L583-454
7	Keycam Assembly	N123-007
22	Spindle	N523-013
23	Outside Housing	N523-014
24	Inside Hub	N523-015
29	Slide	N523-024

Number	Description	Part Number
30	Slide Clip	N523-025
37	Adjustment Plate	N523-054
38	Spindle	N523-056
40	Plunger Sleeve	N523-063
41	Plunger	N523-064
42	Cam Pin	N523-065
43	Cam	N523-066

ND66
Store Lock



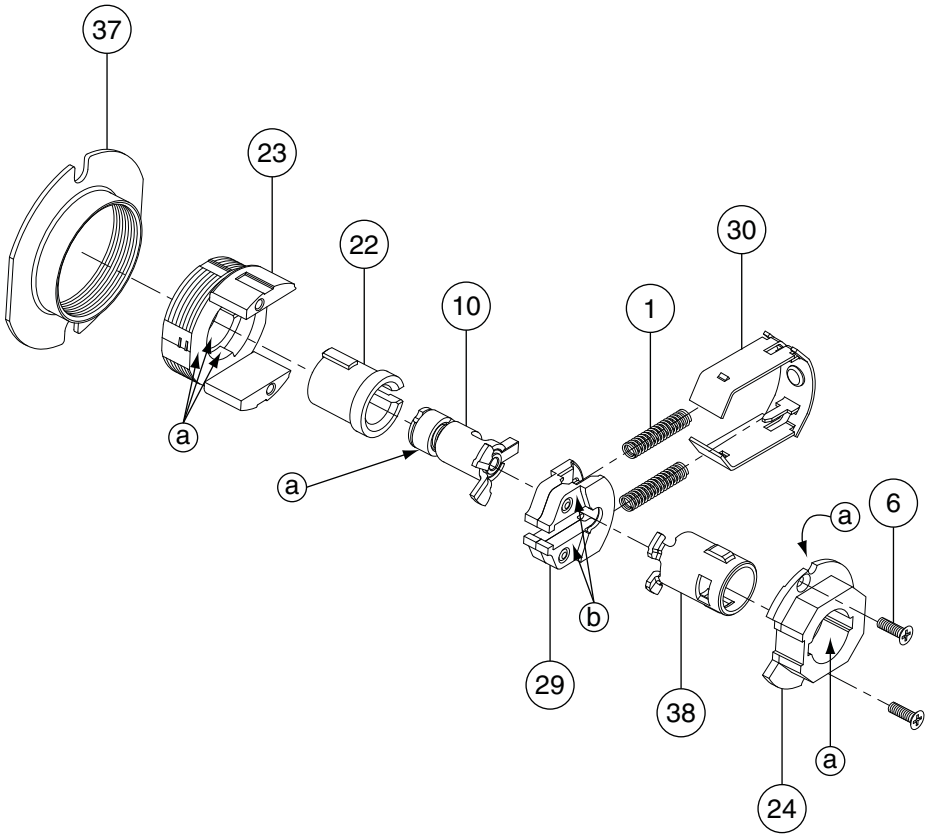
ⓐ Apply light film of 100% synthetic grease on surfaces with brush.

ⓑ Barrel or tumble with 100% synthetic grease to achieve approximately .015 to .040 film thickness.

Number	Description	Part Number
1	Slide Spring	C503-019
6	Chassis Screw	L583-454
9	Keycam Assembly	N123-009
22	Spindle	N523-013
23	Outside Housing	N523-014

Number	Description	Part Number
25	Inside Hub	N523-016
29	Slide	N523-024
30	Slide Clip	N523-025
37	Adjustment Plate	N523-054
44	Plunger Bar	N523-067

ND70
Classroom Lock



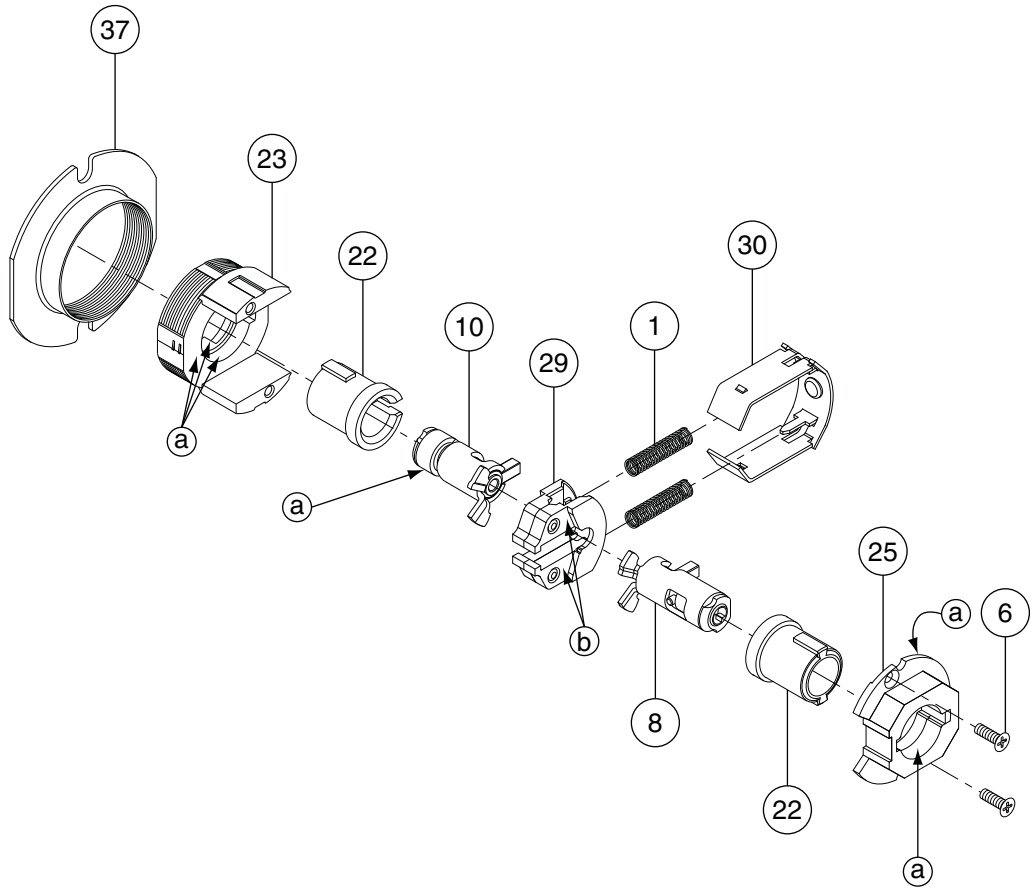
ⓐ Apply light film of 100% synthetic grease on surfaces with brush.

ⓑ Barrel or tumble with 100% synthetic grease to achieve approximately .015 to .040 film thickness.

Number	Description	Part Number
1	Slide Spring	C503-019
6	Chassis Screw	L583-454
10	Keycam Assembly	N123-010
22	Spindle	N523-013
23	Outside Housing	N523-014

Number	Description	Part Number
24	Inside Hub	N523-015
29	Slide	N523-024
30	Slide Clip	N523-025
37	Adjustment Plate	N523-054
38	Spindle	N523-056

ND70X80
Special—Classroom by Storeroom Lock



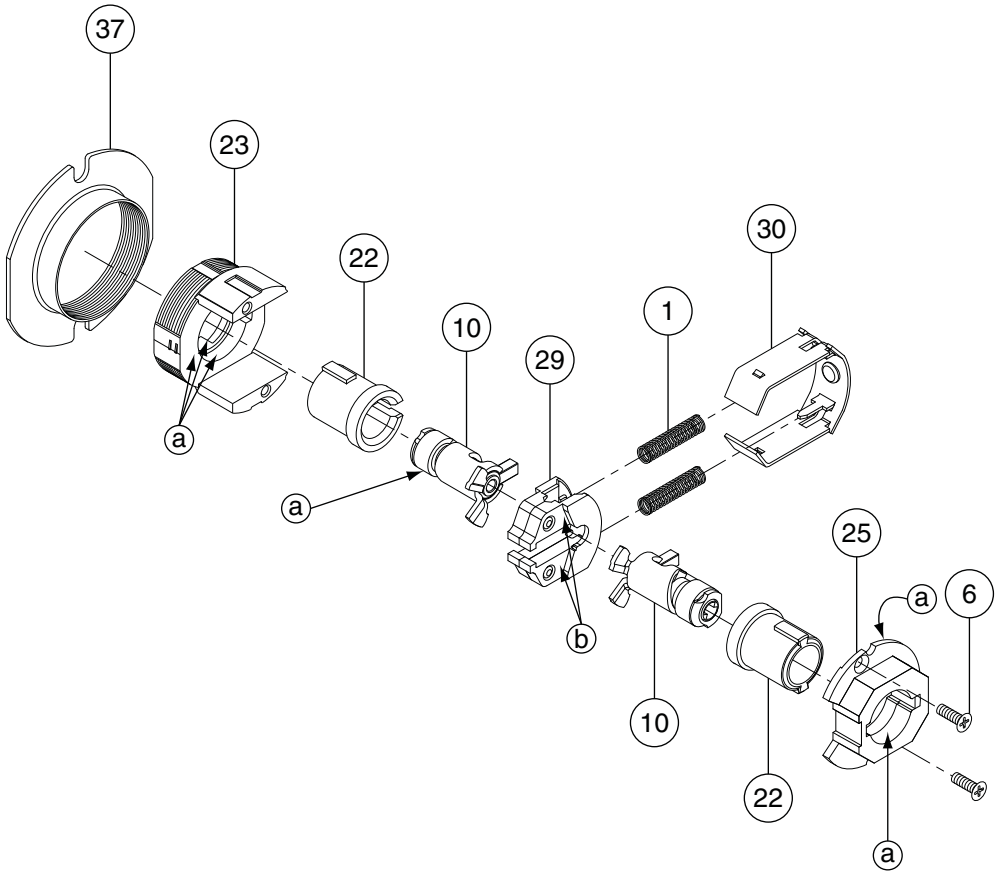
ⓐ Apply light film of 100% synthetic grease on surfaces with brush.

ⓑ Barrel or tumble with 100% synthetic grease to achieve approximately .015 to .040 film thickness.

Number	Description	Part Number
1	Slide Spring	C503-019
6	Chassis Screw	L583-454
8	Keycam Assembly	N123-008
10	Keycam Assembly	N123-010
22	Spindle	N523-013

Number	Description	Part Number
23	Outside Housing	N523-014
25	Inside Hub	N523-016
29	Slide	N523-024
30	Slide Clip	N523-025
37	Adjustment Plate	N523-054

ND72
Special—Communicating Lock



ⓐ Apply light film of 100% synthetic grease on surfaces with brush.

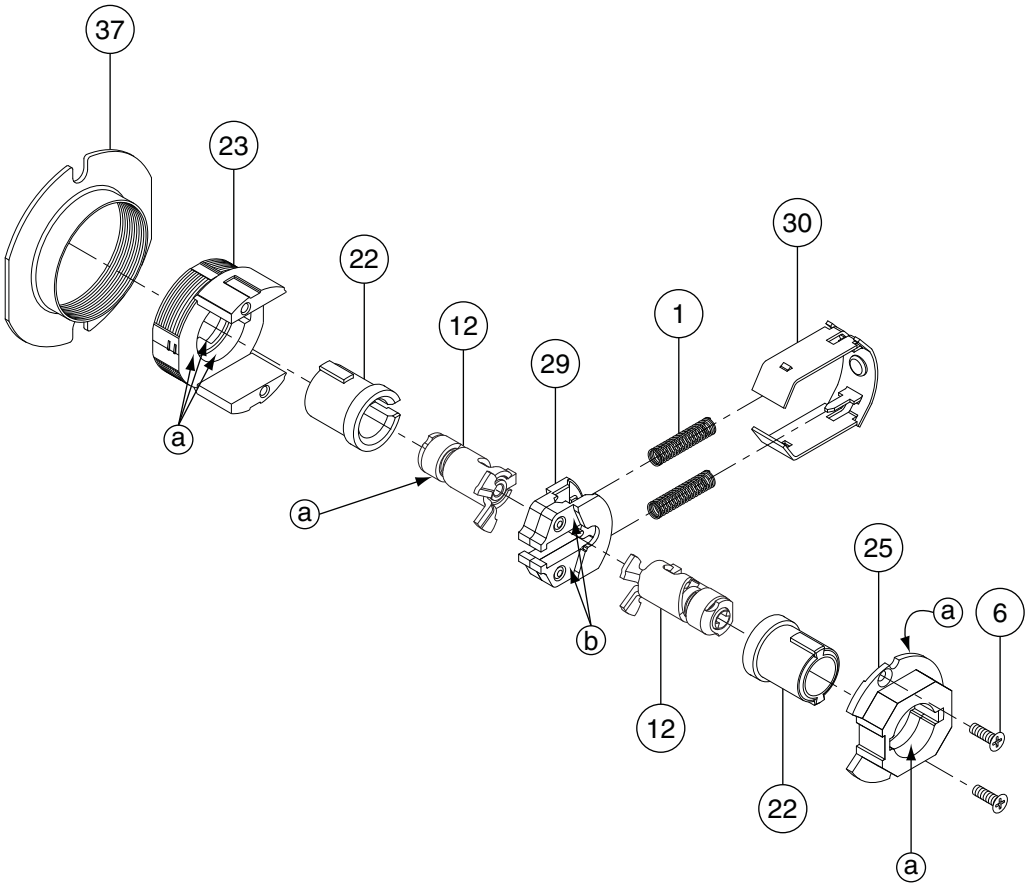
ⓑ Barrel or tumble with 100% synthetic grease to achieve approximately .015 to .040 film thickness.

Number	Description	Part Number
1	Slide Spring	C503-019
6	Chassis Screw	L583-454
10	Keycam Assembly	N123-010
22	Spindle	N523-013
23	Outside Housing	N523-014

Number	Description	Part Number
25	Inside Hub	N523-016
29	Slide	N523-024
30	Slide Clip	N523-025
37	Adjustment Plate	N523-054

ND72 Vandlgard®

Special—Communicating Lock with Vandlgard®



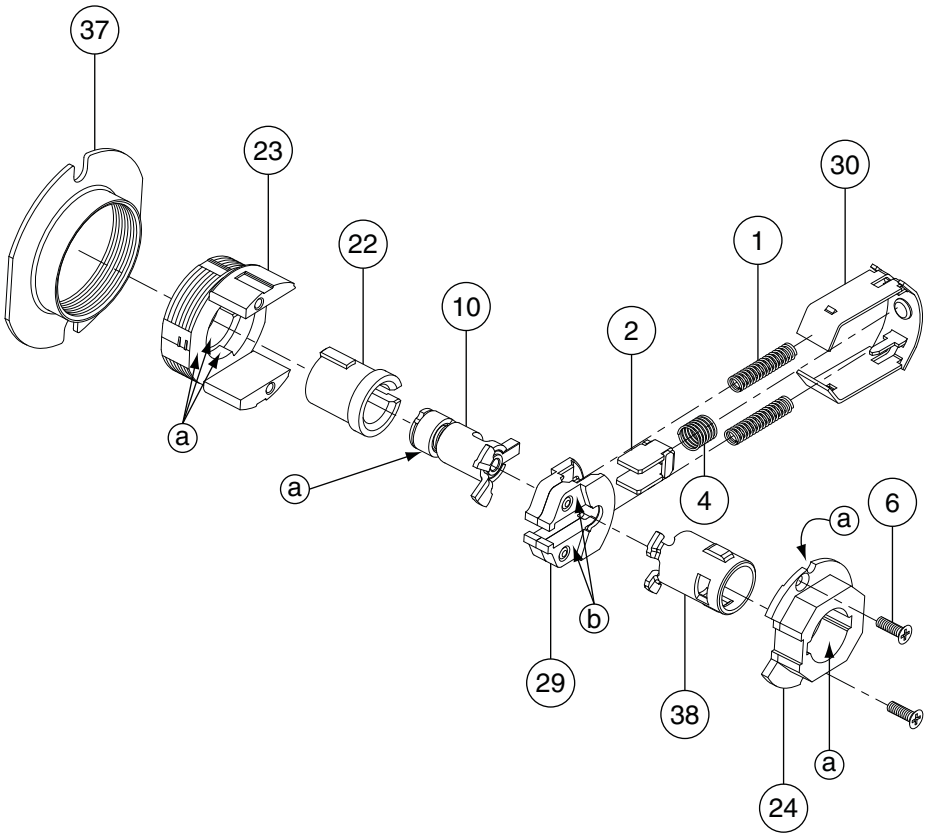
ⓐ Apply light film of 100% synthetic grease on surfaces with brush.

ⓑ Barrel or tumble with 100% synthetic grease to achieve approximately .015 to .040 film thickness.

Number	Description	Part Number
1	Slide Spring	C503-019
6	Chassis Screw	L583-454
12	Keycam Assembly	N123-012
22	Spindle	N523-013
23	Outside Housing	N523-014

Number	Description	Part Number
25	Inside Hub	N523-016
29	Slide	N523-024
30	Slide Clip	N523-025
37	Adjustment Plate	N523-054

ND73
Corridor Lock



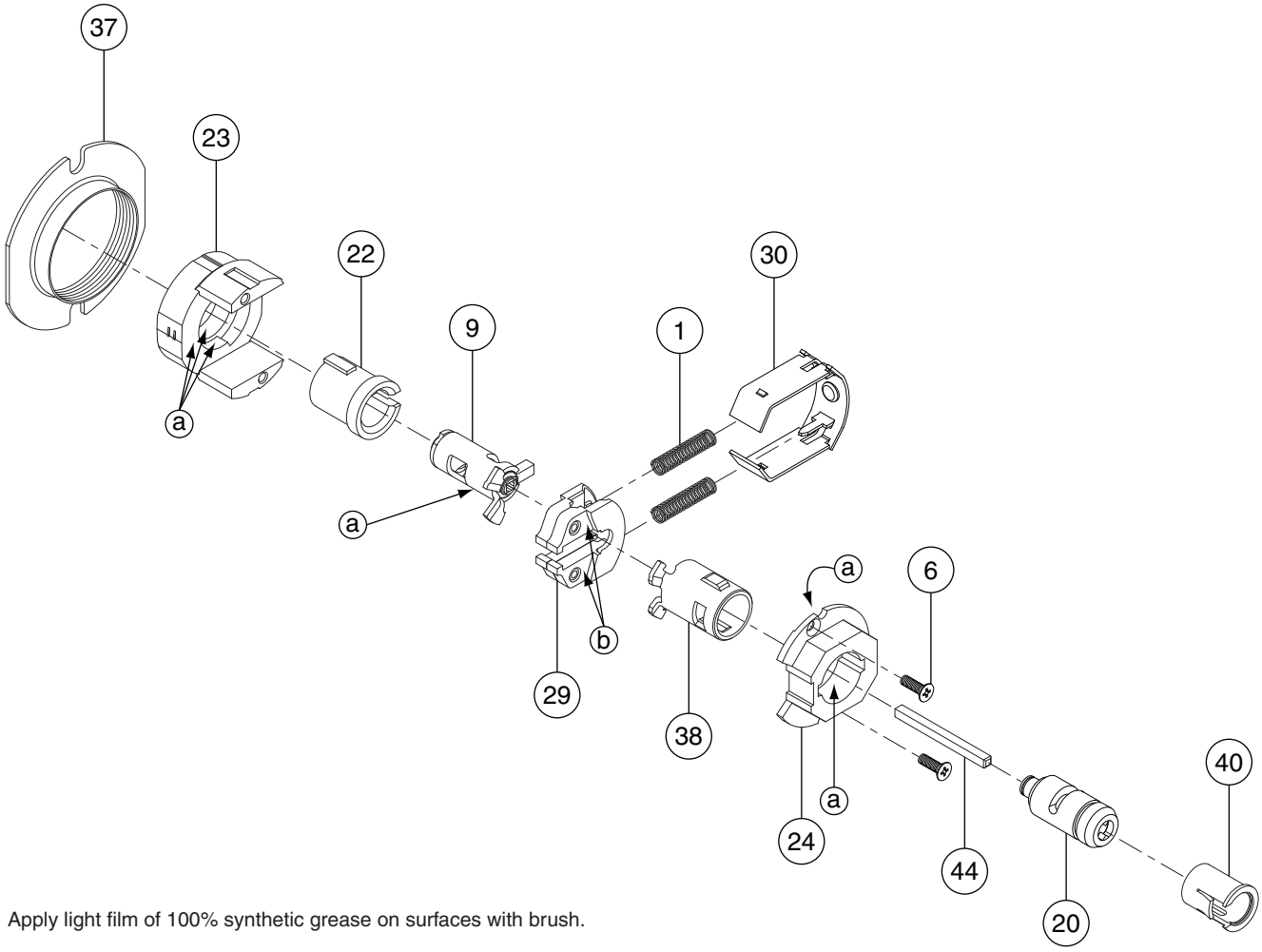
ⓐ Apply light film of 100% synthetic grease on surfaces with brush.

ⓑ Barrel or tumble with 100% synthetic grease to achieve approximately .015 to .040 film thickness.

Number	Description	Part Number
1	Slide Spring	C503-019
2	Restoring Slide Catch	C604-187
4	Slide Catch Spring	C604-191
6	Chassis Screw	L583-454
10	Keycam Assembly	N123-010
22	Spindle	N523-013

Number	Description	Part Number
23	Outside Housing	N523-014
24	Inside Hub	N523-015
29	Slide	N523-024
30	Slide Clip	N523-025
37	Adjustment Plate	N523-054
38	Spindle	N523-056

ND75
Classroom Security Lock



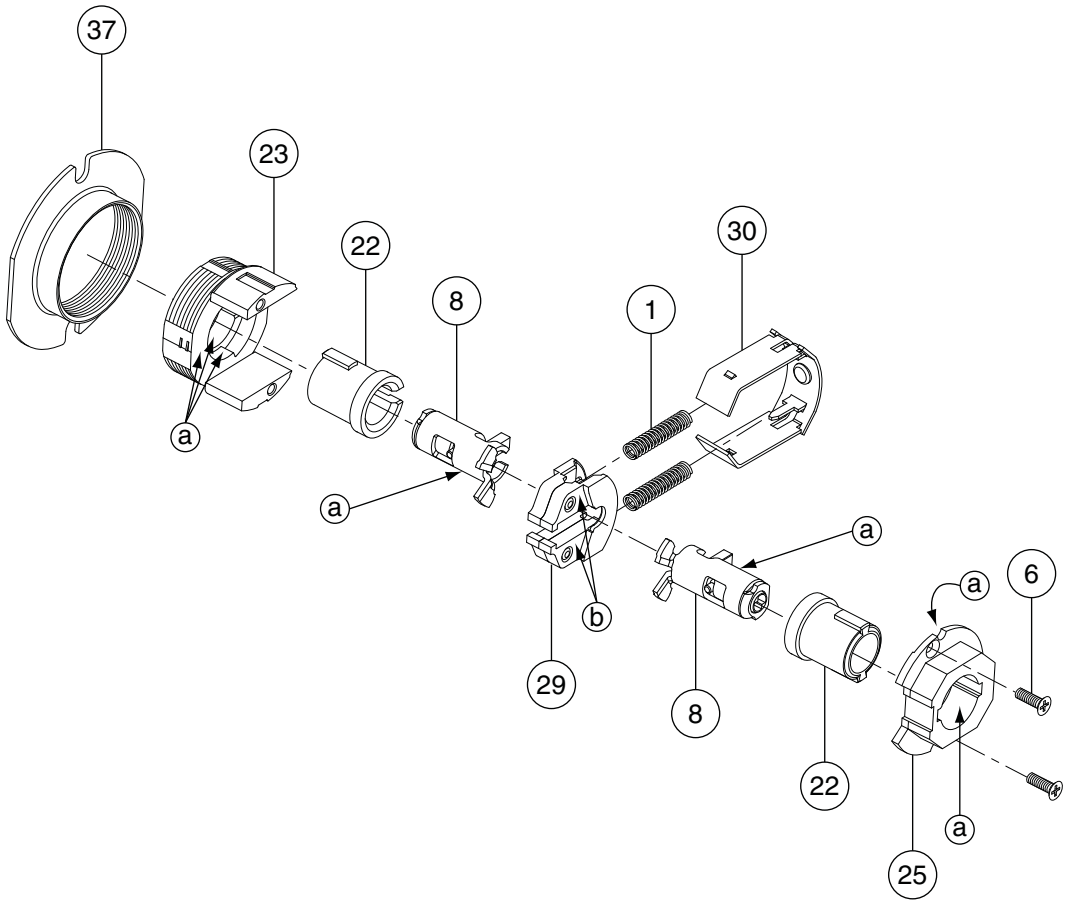
ⓐ Apply light film of 100% synthetic grease on surfaces with brush.

ⓑ Barrel or tumble with 100% synthetic grease to achieve approximately .015 to .040 film thickness.

Number	Description	Part Number
1	Slide Spring	C503-019
6	Chassis Screw	L583-454
9	Keycam Assembly	N123-009
20	Inside Cam	N123-059
22	Spindle	N523-013
23	Outside Housing	N523-014
24	Inside Hub	N523-015

Number	Description	Part Number
29	Slide	N523-024
30	Slide Clip	N523-025
37	Adjustment Plate	N523-054
38	Spindle	N523-056
40	Plunger Sleeve	N523-063
44	Plunger Bar	N523-067

ND82
Institution Lock



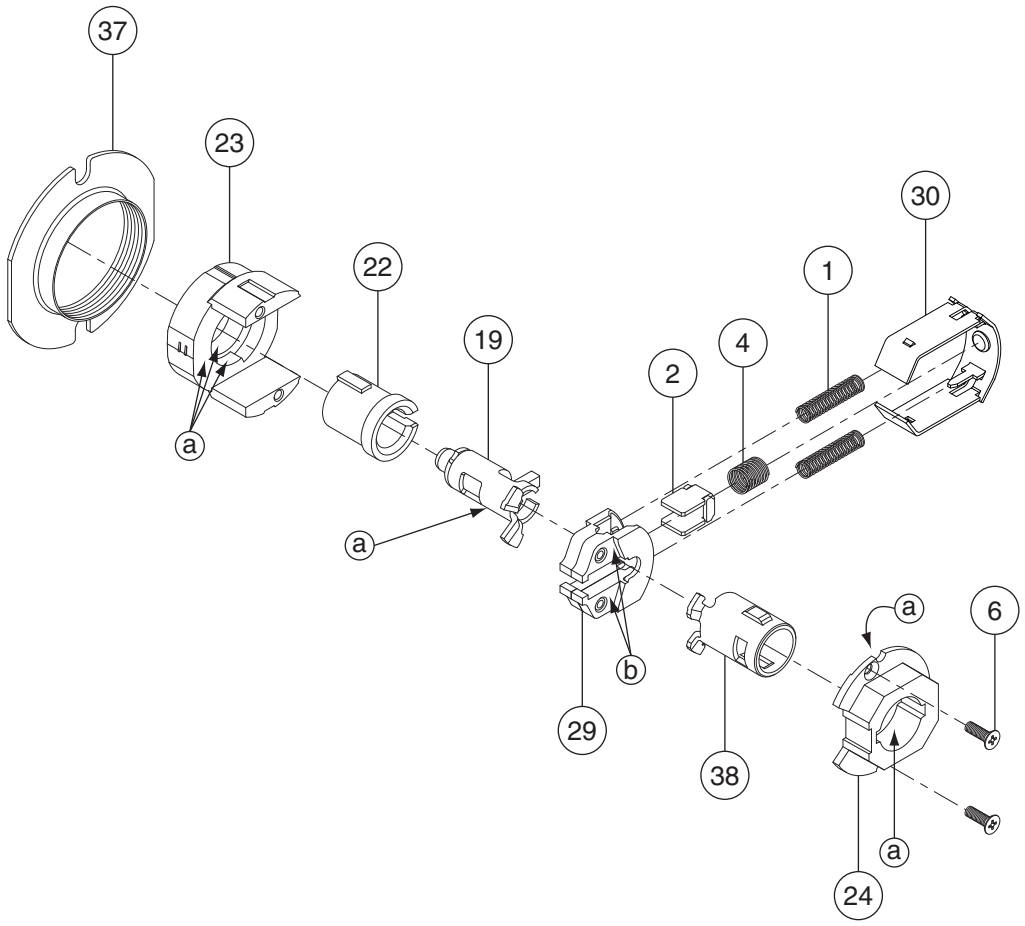
ⓐ Apply light film of 100% synthetic grease on surfaces with brush.

ⓑ Barrel or tumble with 100% synthetic grease to achieve approximately .015 to .040 film thickness.

Number	Description	Part Number
1	Slide Spring	C503-109
6	Chassis Screw	L583-454
8	Keycam Assembly	N123-008
22	Spindle	N523-013
23	Outside Housing	N523-014

Number	Description	Part Number
25	Inside Hub	N523-016
29	Slide	N523-024
30	Slide Clip	N523-025
37	Adjustment Plate	N523-054

ND85
Faculty Restroom Lock



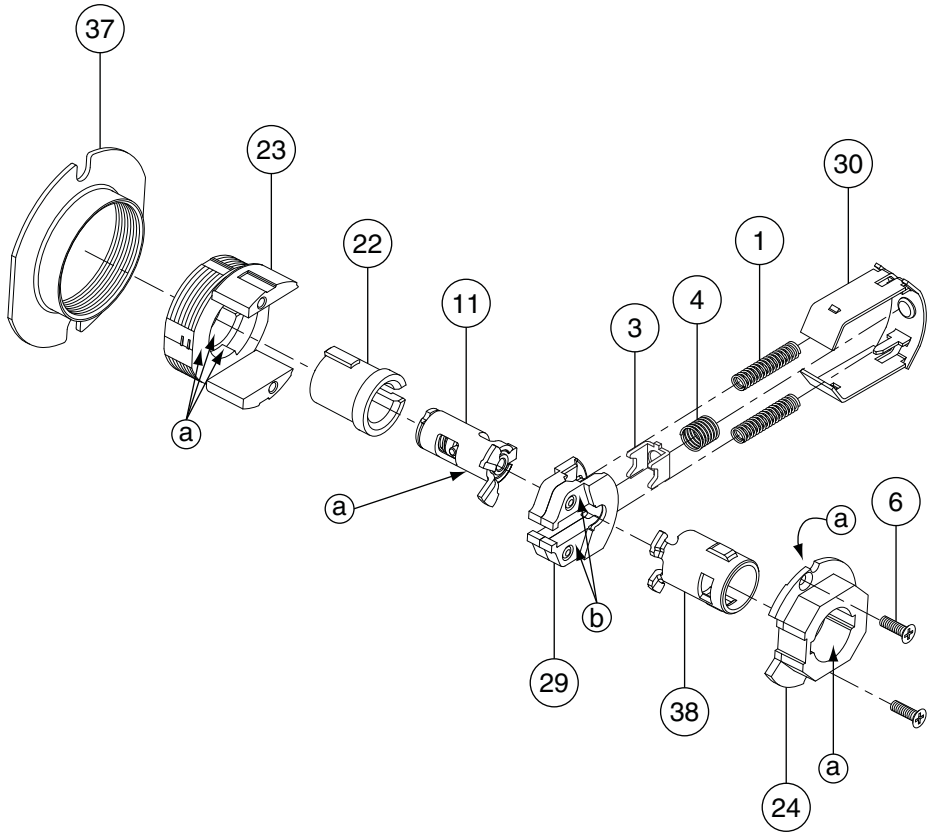
ⓐ Apply light film of 100% synthetic grease on surfaces with brush.

ⓑ Barrel or tumble with 100% synthetic grease to achieve approximately .015 to .040 film thickness.

Number	Description	Part Number
1	Slide Spring	C503-019
2	Restoring Slide Catch	C604-187
4	Slide Catch Spring	C604-191
6	Chassis Screw	L583-454
19	Keycam Assembly	N123-055
22	Spindle	N523-013

Number	Description	Part Number
23	Outside Housing	N523-014
24	Inside Hub	N523-015
29	Slide	N523-024
30	Slide Clip	N523-025
37	Adjustment Plate	N523-054
38	Spindle	N523-056

ND91 and ND92
Entrance/Office and Entrance Lock with Vandlgard®



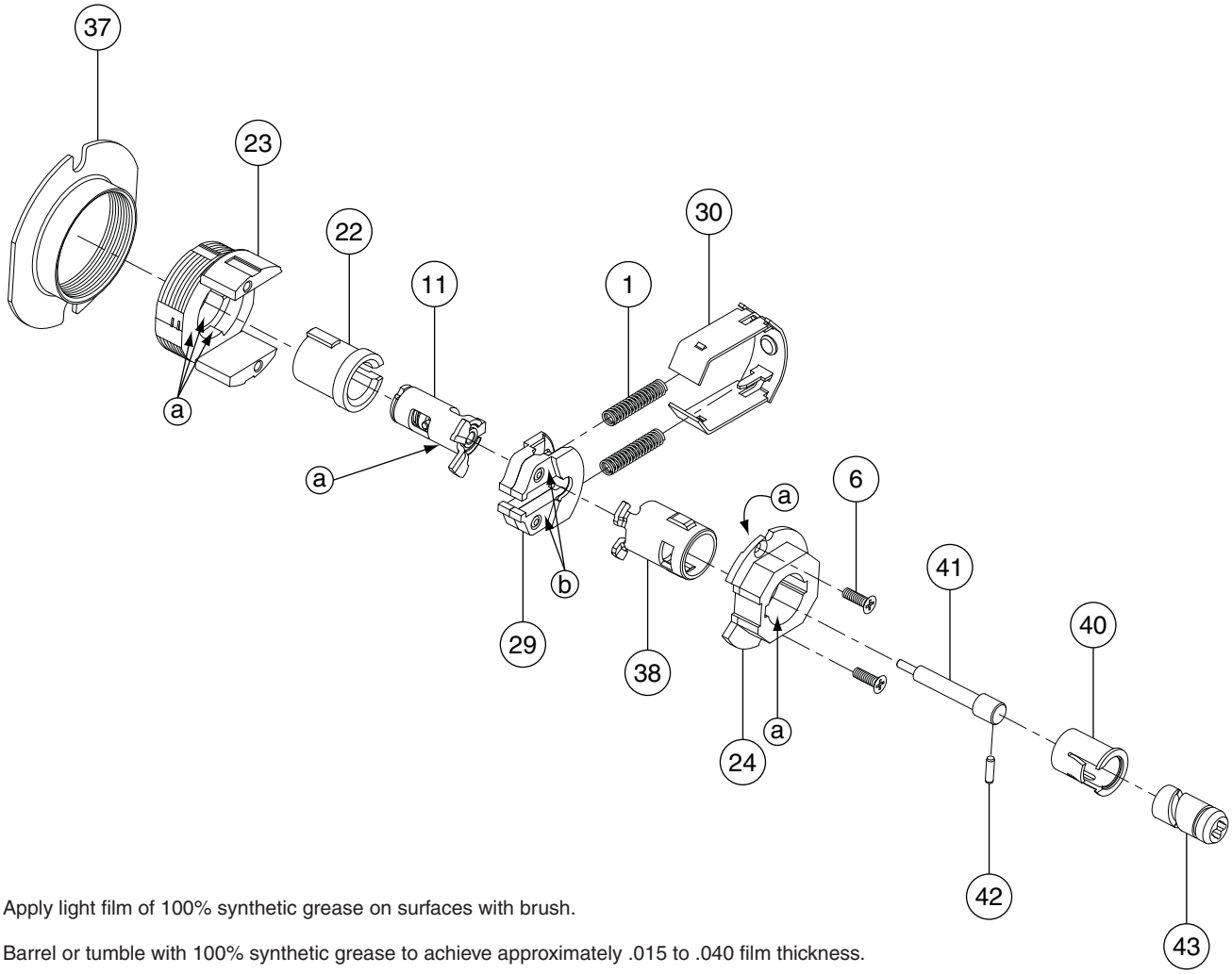
ⓐ Apply light film of 100% synthetic grease on surfaces with brush.

ⓑ Barrel or tumble with 100% synthetic grease to achieve approximately .015 to .040 film thickness.

Number	Description	Part Number
1	Slide Spring	C503-019
3	Slide Catch	C604-188
4	Slide Catch Spring	C604-191
6	Chassis Screw	L583-454
11	Keycam Assembly	N123-011
22	Spindle	N523-013

Number	Description	Part Number
23	Outside Housing	N523-014
24	Inside Hub	N523-015
29	Slide	N523-024
30	Slide Clip	N523-025
37	Adjustment Plate	N523-054
38	Spindle	N523-056

ND93
Vestibule Lock with Vandlgard®



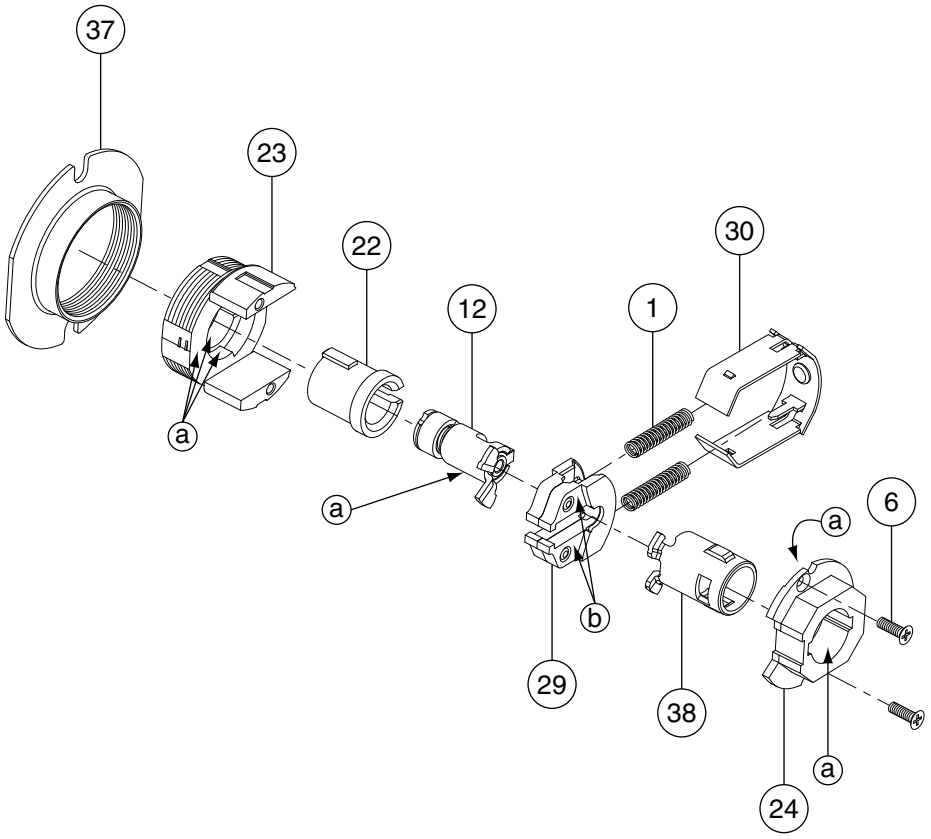
ⓐ Apply light film of 100% synthetic grease on surfaces with brush.

ⓑ Barrel or tumble with 100% synthetic grease to achieve approximately .015 to .040 film thickness.

Number	Description	Part Number
1	Slide Spring	C503-019
6	Chassis Screw	L583-454
11	Keycam Assembly	N123-011
22	Spindle	N523-013
23	Outside Housing	N523-014
24	Inside Hub	N523-015
29	Slide	N523-024

Number	Description	Part Number
30	Slide Clip	N523-025
37	Adjustment Plate	N523-054
38	Spindle	N523-056
40	Plunger Sleeve	N523-063
41	Plunger	N523-064
42	Cam Pin	N523-065
43	Cam	N523-066

ND94
Classroom Lock with VandIgard®



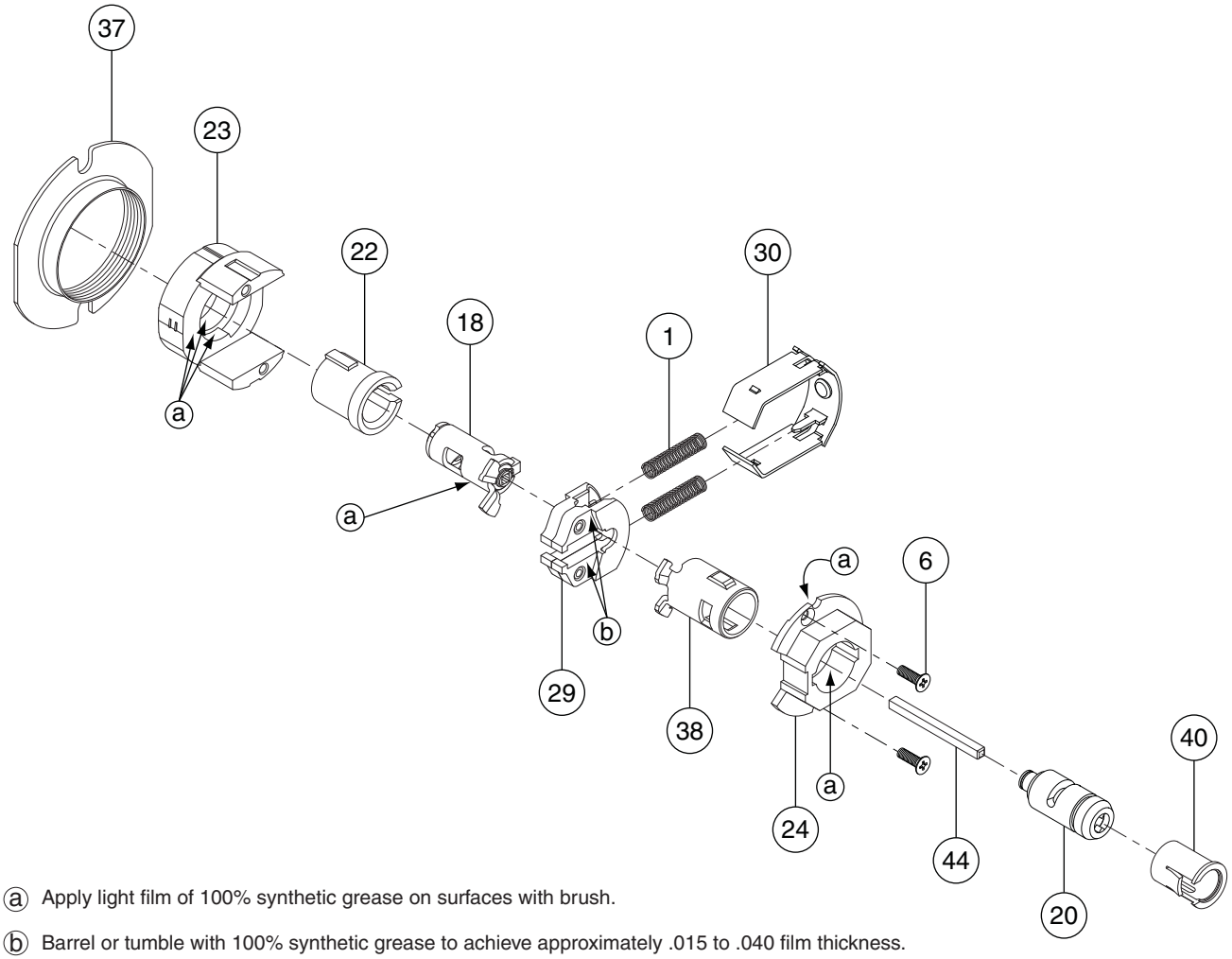
ⓐ Apply light film of 100% synthetic grease on surfaces with brush.

ⓑ Barrel or tumble with 100% synthetic grease to achieve approximately .015 to .040 film thickness.

Number	Description	Part Number
1	Slide Spring	C503-019
6	Chassis Screw	L583-454
12	Keycam Assembly	N123-012
22	Spindle	N523-013
23	Outside Housing	N523-014

Number	Description	Part Number
24	Inside Hub	N523-015
29	Slide	N523-024
30	Slide Clip	N523-025
37	Adjustment Plate	N523-054
38	Spindle	N523-056

ND95
Classroom Security Lock with Vandlgard®



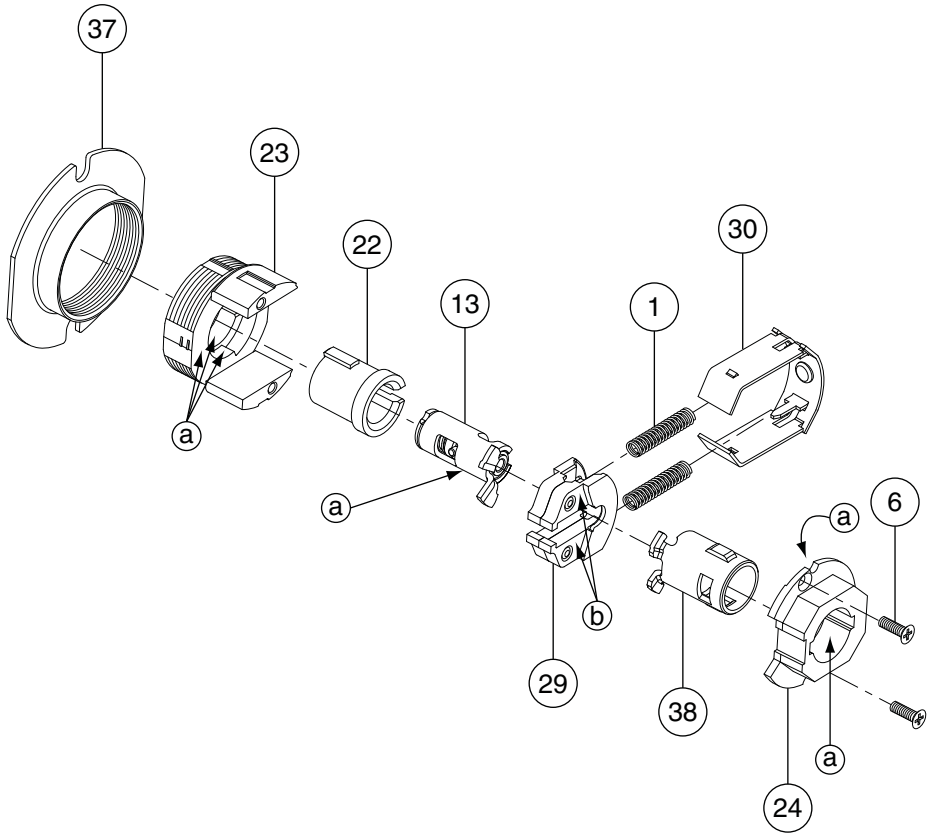
ⓐ Apply light film of 100% synthetic grease on surfaces with brush.

ⓑ Barrel or tumble with 100% synthetic grease to achieve approximately .015 to .040 film thickness.

Number	Description	Part Number
1	Slide Spring	C503-019
6	Chassis Screw	L583-454
18	Keycam Assembly	N123-054
20	Inside Cam	N123-059
22	Spindle	N523-013
23	Outside Housing	N523-014
24	Inside Hub	N523-015

Number	Description	Part Number
29	Slide	N523-024
30	Slide Clip	N523-025
37	Adjustment Plate	N523-054
38	Spindle	N523-056
40	Plunger Sleeve	N523-063
44	Plunger Bar	N523-067

ND96
Storeroom Lock with Vandlgard®



ⓐ Apply light film of 100% synthetic grease on surfaces with brush.

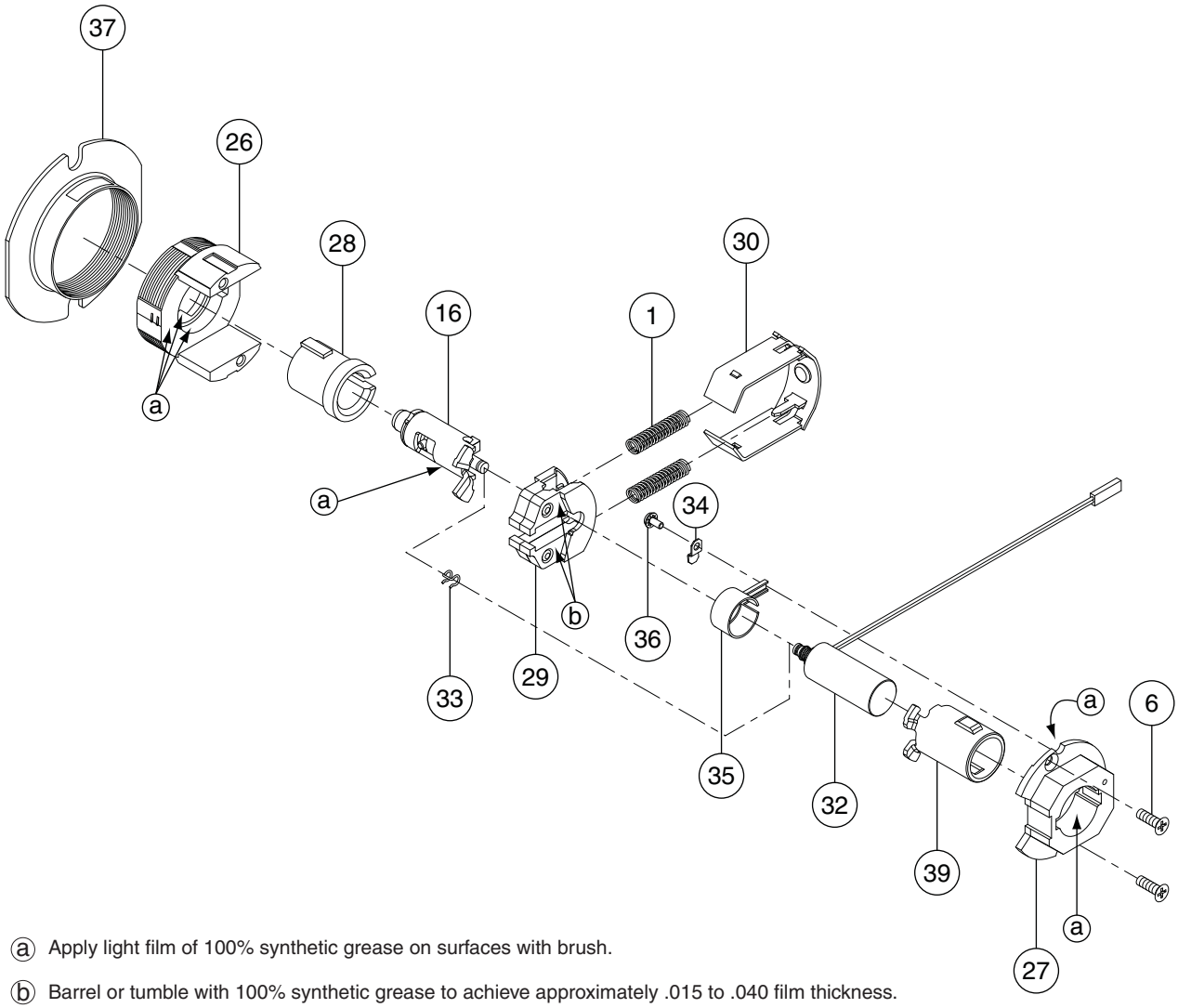
ⓑ Barrel or tumble with 100% synthetic grease to achieve approximately .015 to .040 film thickness.

Number	Description	Part Number
1	Slide Spring	C503-019
6	Chassis Screw	L583-454
13	Keycam Assembly	N123-013
22	Spindle	N523-013
23	Outside Housing	N523-014

Number	Description	Part Number
24	Inside Hub	N523-015
29	Slide	N523-024
30	Slide Clip	N523-025
37	Adjustment Plate	N523-054
38	Spindle	N523-056

ND96EL

Storeroom Lock with Vandlgard® — Electrically Locked (Fail Safe)



ⓐ Apply light film of 100% synthetic grease on surfaces with brush.

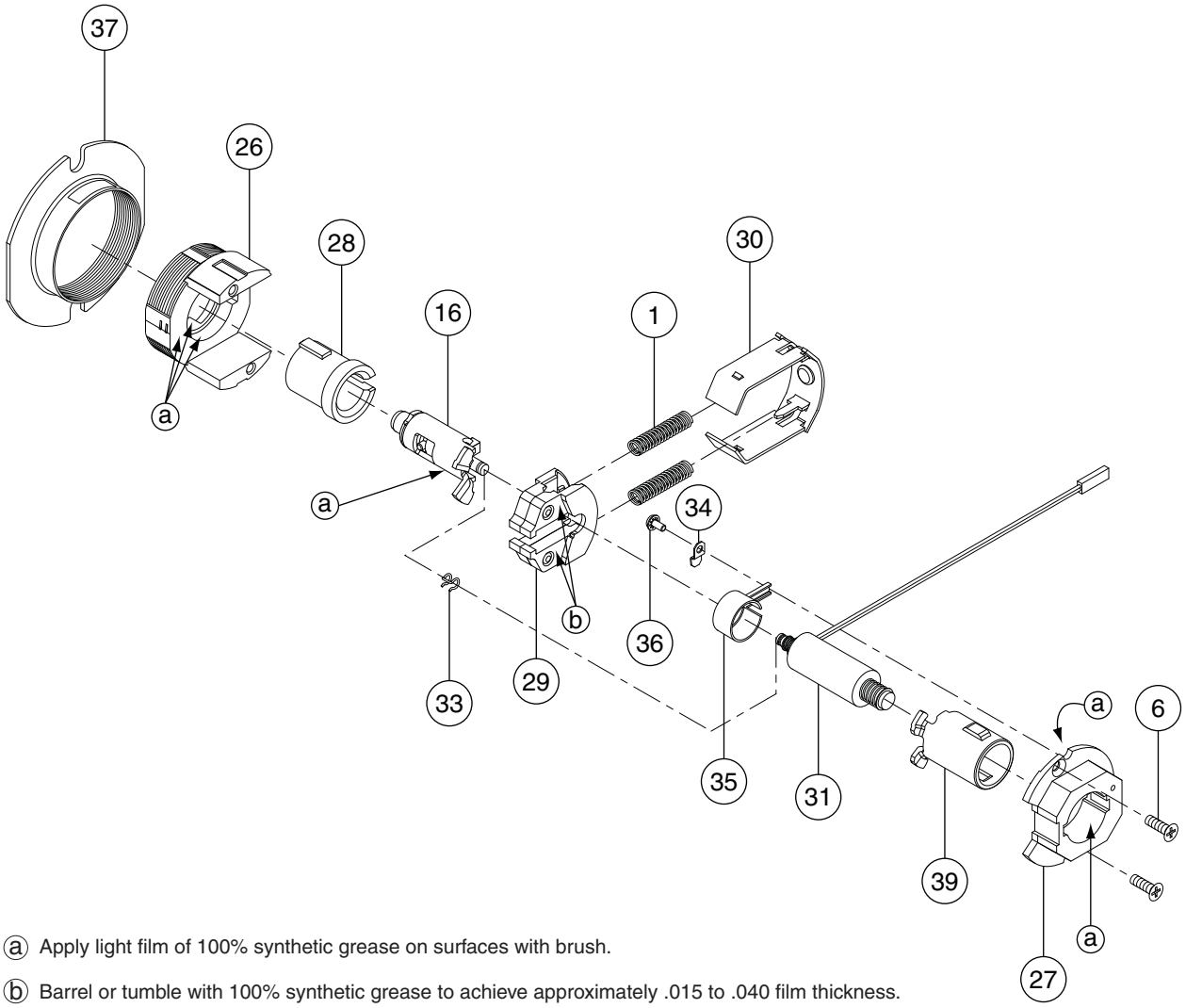
ⓑ Barrel or tumble with 100% synthetic grease to achieve approximately .015 to .040 film thickness.

Number	Description	Part Number
1	Slide Spring	C503-019
6	Chassis Screw	L583-454
16	Electrified Keycam Assembly—Vandlgard®	N123-025
26	Outside Electrified Housing	N523-017
27	Inside Hub—Electrified Functions	N523-018
28	Outside Electrified Spindle	N523-019
29	Slide	N523-024
30	Slide Clip	N523-025

Number	Description	Part Number
32	Solenoid–EL	N523-027
33	Clip	N523-028
34	Wire Clamp	N523-029
35	Sleeve	N523-031
36	Wire Clamp Screw	N523-033
37	Adjustment Plate	N523-054
39	Inside Electrified Strike	N523-057

ND96EU

Storeroom Lock with Vandlgard® — Electrically Unlocked (Fail Secure)



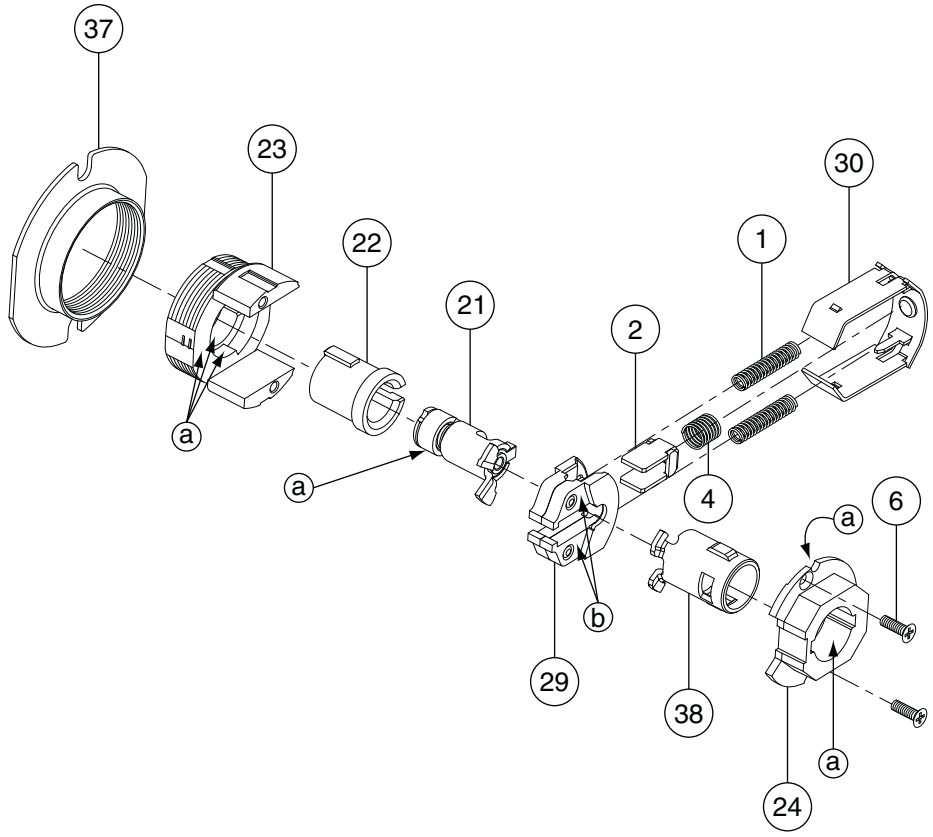
ⓐ Apply light film of 100% synthetic grease on surfaces with brush.

ⓑ Barrel or tumble with 100% synthetic grease to achieve approximately .015 to .040 film thickness.

Number	Description	Part Number
1	Slide Spring	C503-019
6	Chassis Screw	L583-454
16	Electrified Keycam Assembly—Vandlgard®	N123-025
26	Outside Electrified Housing	N523-017
27	Inside Hub—Electrified Functions	N523-018
28	Outside Electrified Spindle	N523-019
29	Slide	N523-024
30	Slide Clip	N523-025

Number	Description	Part Number
31	Solenoid—EU	N523-026
33	Clip	N523-028
34	Wire Clamp	N523-029
35	Sleeve	N523-031
36	Wire Clamp Screw	N523-033
37	Adjustment Plate	N523-054
39	Inside Electrified Spindle	N523-057

ND97
Corridor Lock with VandIgard®



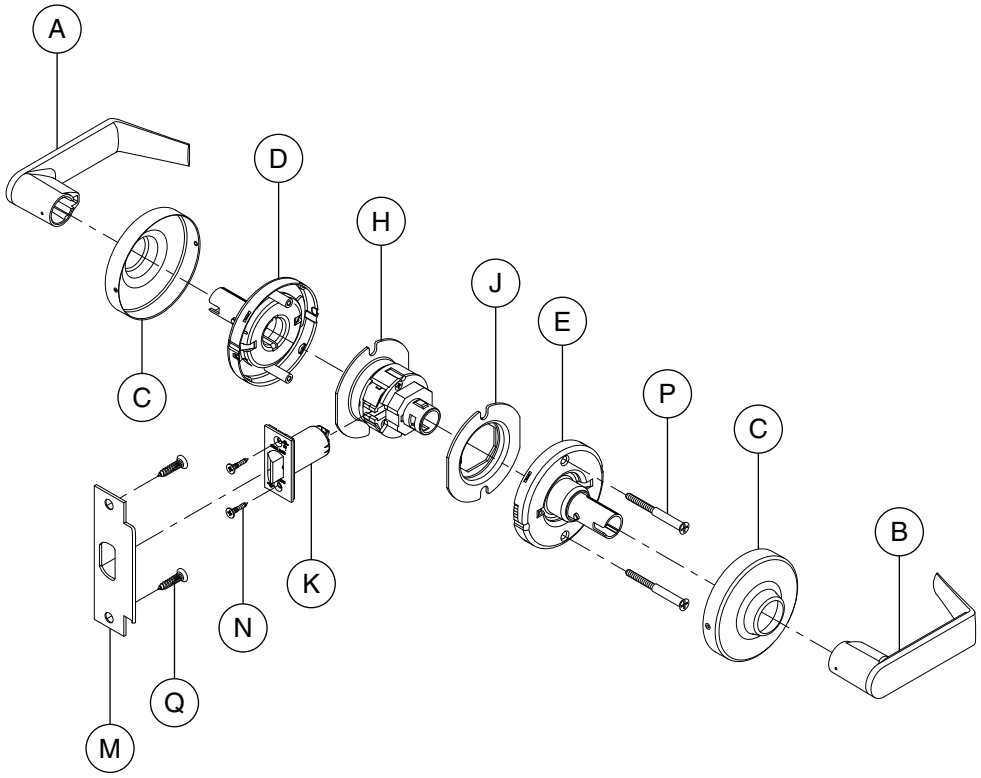
ⓐ Apply light film of 100% synthetic grease on surfaces with brush.

ⓑ Barrel or tumble with 100% synthetic grease to achieve approximately .015 to .040 film thickness.

Number	Description	Part Number
1	Slide Spring	C503-019
2	Restoring Slide Catch	C604-187
4	Slide Catch Spring	C604-191
6	Chassis Screw	L583-454
21	Keycam Assembly	N123-097
22	Spindle	N523-013

Number	Description	Part Number
23	Outside Housing	N523-014
24	Inside Hub	N523-015
29	Slide	N523-024
30	Slide Clip	N523-025
37	Adjustment Plate	N523-054
38	Spindle	N523-056

ND10
Passage Latch



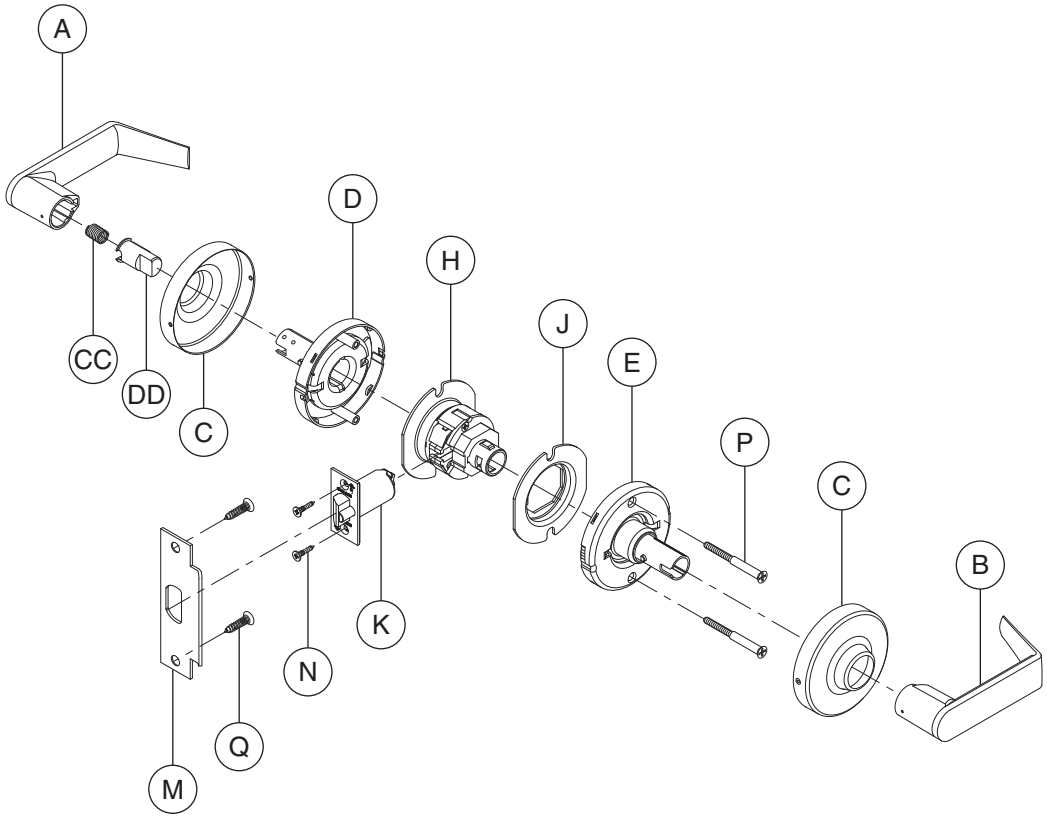
Letter	Description	Part Number
A	Outside Lever—Closed	03-030
B	Inside Lever—Closed	03-030
C	Rose	03-042
D	Outside Spring Cage—Passage	N123-043
E	Inside Spring Cage—Standard	N123-032
H	Chassis	63-091†

Letter	Description	Part Number
J	Anti-Rotation Plate	N523-055
K	Springlatch	13-048
M	Strike	10-025
N	Latch Screw	C603-897
P	Mounting Screw	N523-021
Q	Strike Screw	C603-256

† Chassis part number is for reference only.

Ingersoll Rand Security Technologies

ND12
Exit Lock

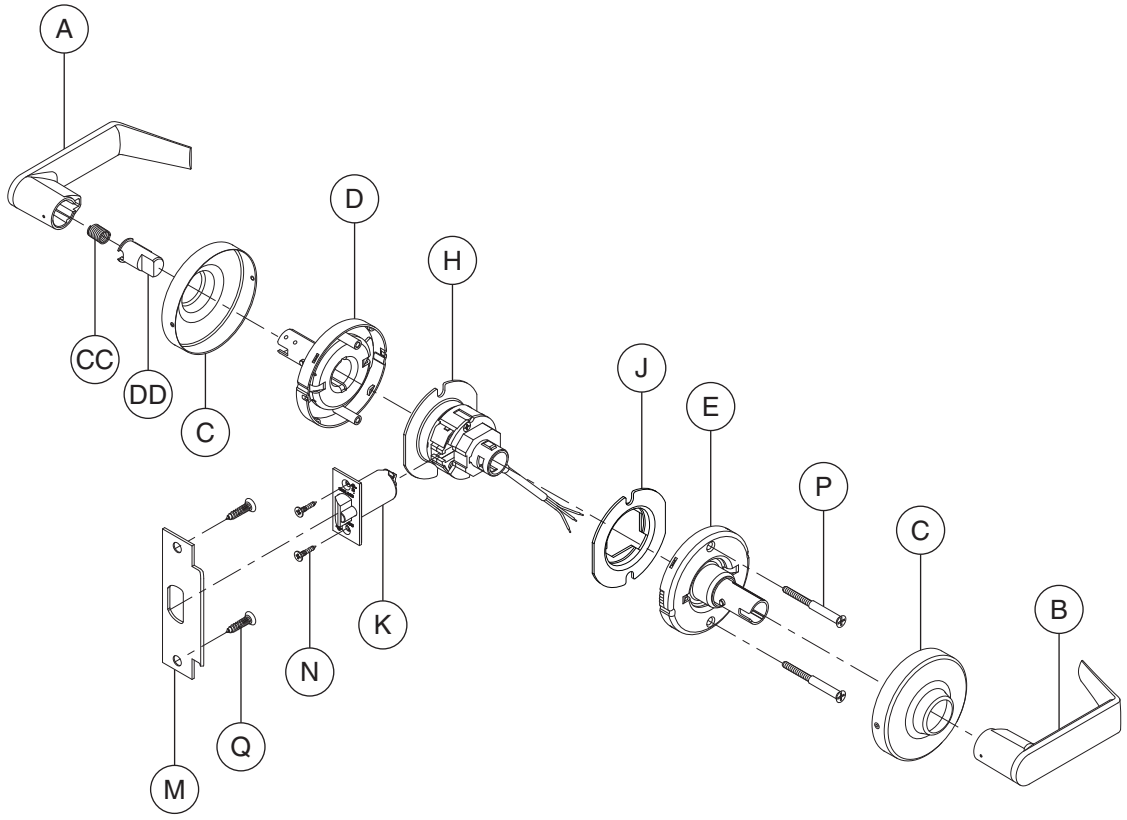


Letter	Description	Part Number
A	Outside Lever—Closed	03-030
B	Inside Lever—Closed	03-030
C	Rose	03-042
D	Outside Spring Cage—Passage	N123-022
E	Inside Spring Cage—Standard	N123-032
H	Chassis	63-092†
J	Anti-Rotation Plate	N523-055

Letter	Description	Part Number
K	Springlatch	13-048
M	Strike	10-025
N	Latch Screw	C603-897
P	Mounting Screw	N523-021
Q	Strike Screw	C603-256
CC	Spring	C503-331
DD	Catch Stop	N523-041

† Chassis part number is for reference only.

ND12 RX
Exit Lock Request-to-Exit

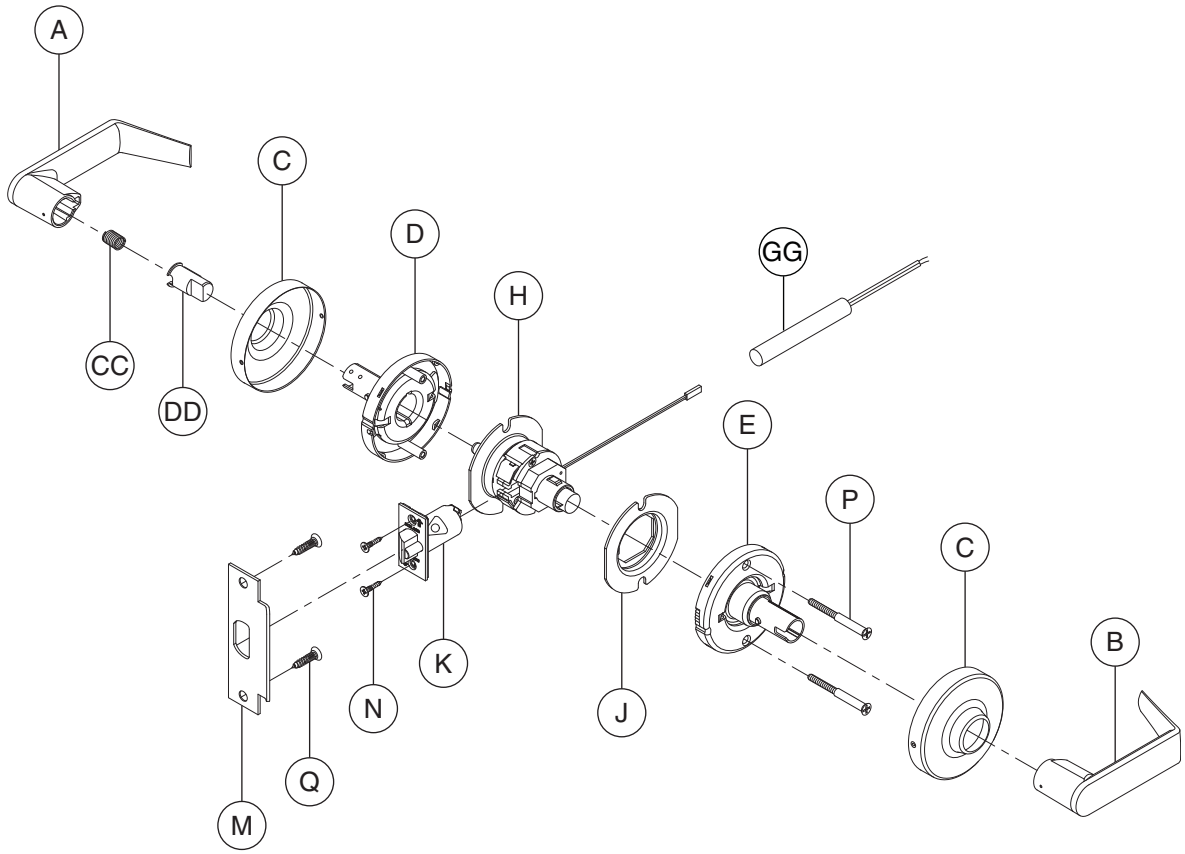


Letter	Description	Part Number
A	Outside Lever—Closed	03-030
B	Inside Lever—Closed	03-030
C	Rose	03-042
D	Outside Spring Cage—Passage	N123-022
E	Inside Spring Cage—Standard	N123-032
H	Chassis	63-217†
J	Anti-Rotation Plate	N523-131

Letter	Description	Part Number
K	Spring Latch	13-048
M	Strike	10-025
N	Latch Screw	C603-897
P	Mounting Screw	N523-021
Q	Strike Screw	C603-256
CC	Spring	C503-331
DD	Catch Stop	N523-041

† Chassis part number is for reference only.

ND12EL
Exit Lock—Electrically Locked (Fail Safe)

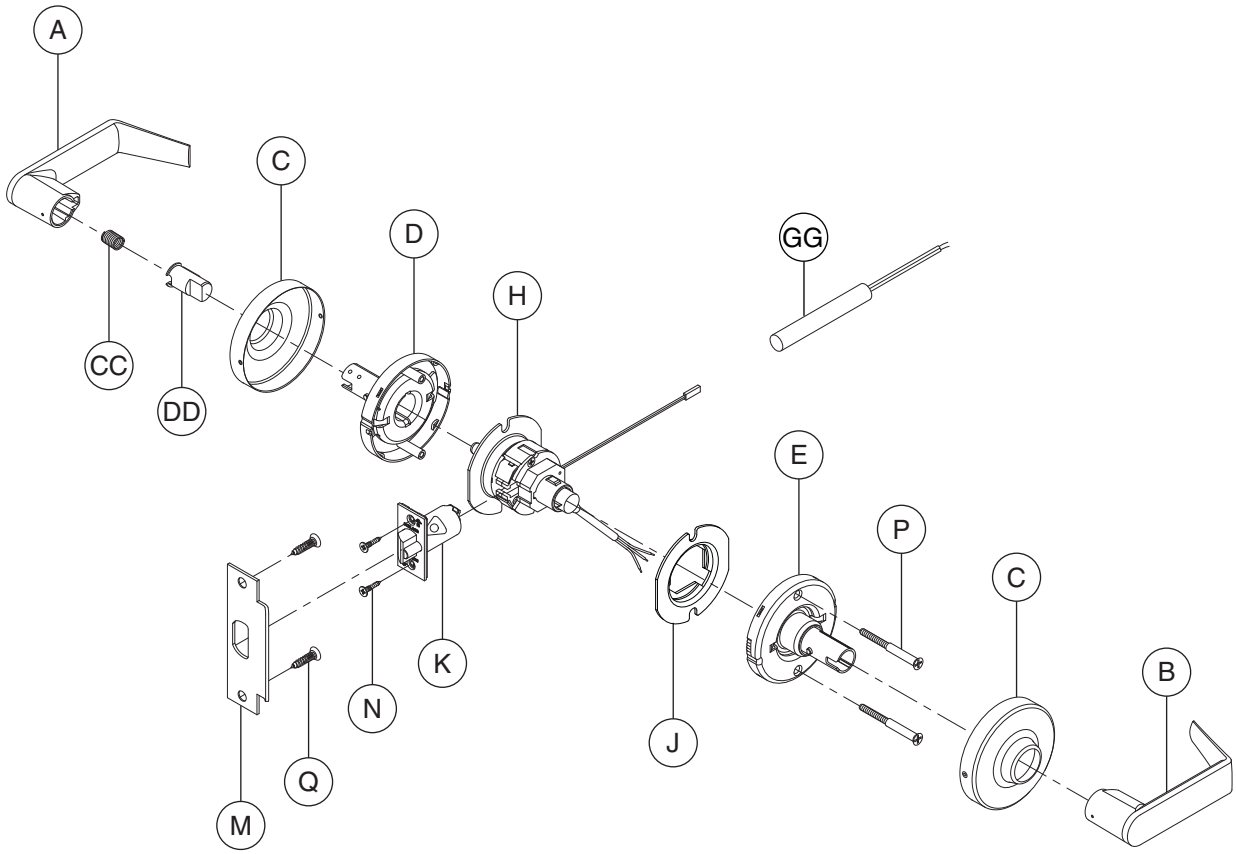


Letter	Description	Part Number
A	Outside Lever—Closed	03-030
B	Inside Lever—Closed	03-030
C	Rose	03-042
D	Outside Spring Cage—Passage	N123-022
E	Inside Spring Cage—Standard	N123-032
H	Chassis	63-106†
J	Anti-Rotation Plate	N523-055
K	Electrified Latch	**

Letter	Description	Part Number
M	Strike	10-025
N	Latch Screw	C603-897
P	Mounting Screw	N523-021
Q	Strike Screw	C603-256
CC	Spring	C503-331
DD	Catch Stop	N523-041
GG	AC Rectifier Circuit	C303-439

† Chassis part number is for reference only.
*** Not sold separately as a part.*

ND12EL RX
Exit Lock—Electrically Locked (Fail Safe) Request-to-Exit

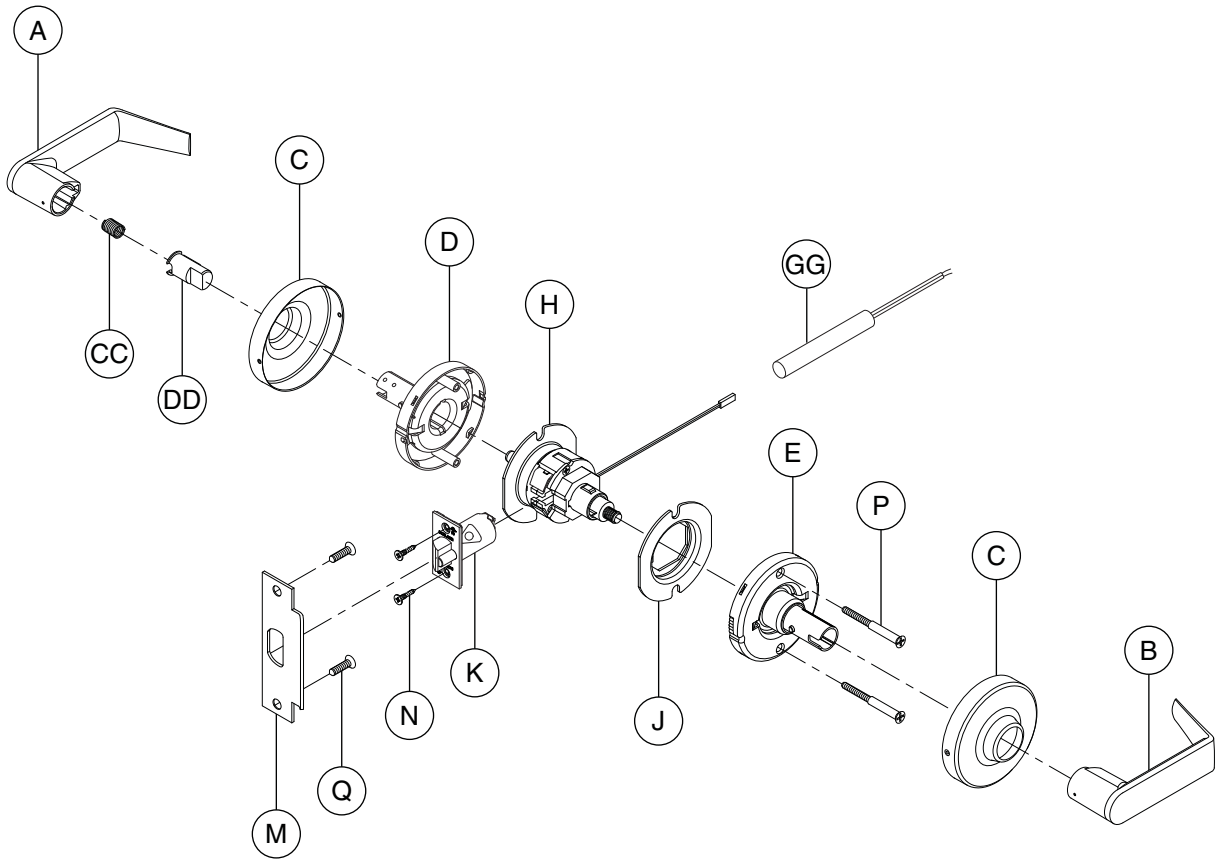


Letter	Description	Part Number
A	Outside Lever—Closed	03-030
B	Inside Lever—Closed	03-030
C	Rose	03-042
D	Outside Spring Cage—Passage	N123-022
E	Inside Spring Cage—Standard	N123-032
H	Chassis	63-215†
J	Anti-Rotation Plate	N523-131
K	Electrified Latch	**

Letter	Description	Part Number
M	Strike	10-025
N	Latch Screw	C603-897
P	Mounting Screw	N523-021
Q	Strike Screw	C603-256
CC	Spring	C503-331
DD	Catch Stop	N523-041
GG	AC Rectifier Circuit	C303-439

† Chassis part number is for reference only.
*** Not sold separately as a part.*

ND12EU
Exit Lock and Storeroom Lock—Electrically Unlocked (Fail Secure)



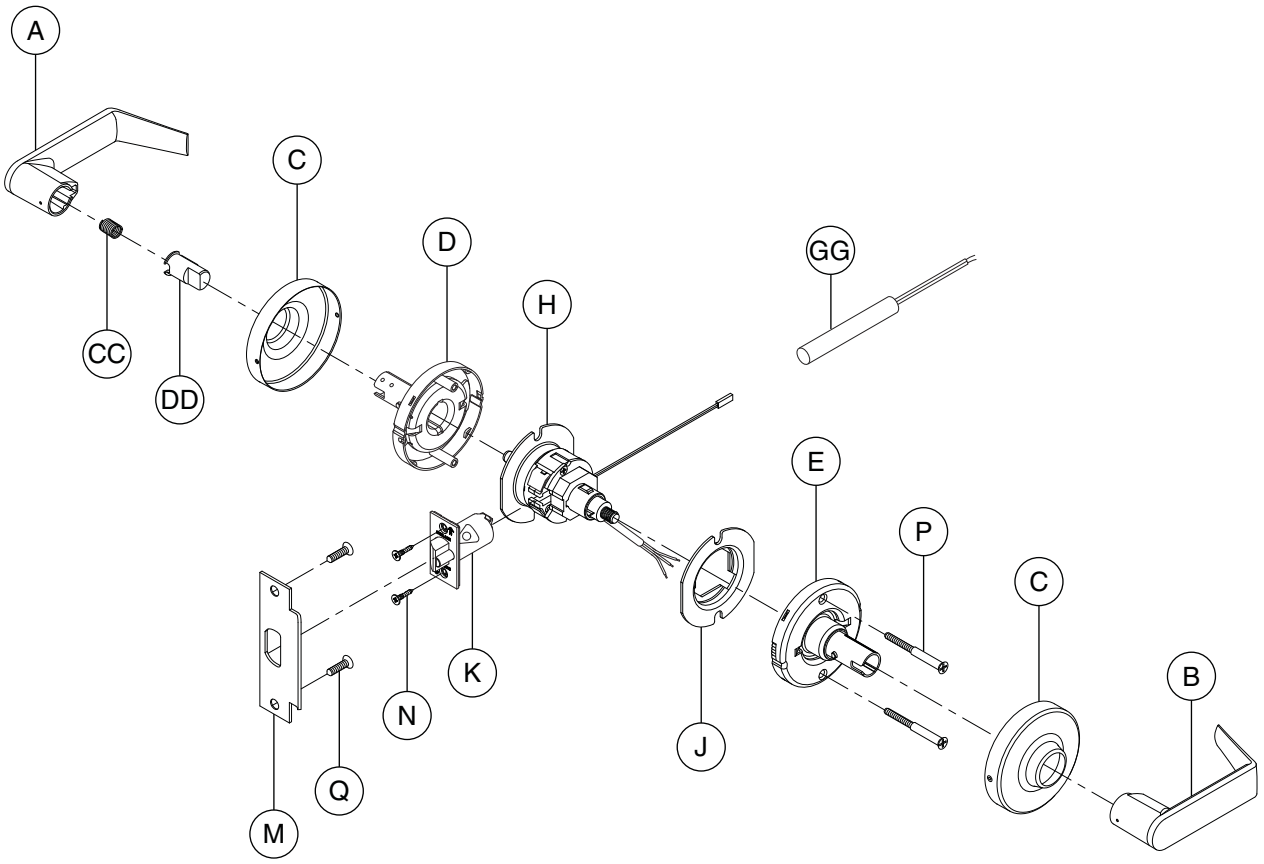
Letter	Description	Part Number
A	Outside Lever—Closed	03-030
B	Inside Lever—Closed	03-030
C	Rose	03-042
D	Outside Spring Cage—Passage	N123-022
E	Inside Spring Cage—Standard	N123-032
H	Chassis	63-105†
J	Anti-Rotation Plate	N523-055
K	Electrified Latch	**

Letter	Description	Part Number
M	Strike	10-025
N	Latch Screw	C603-897
P	Mounting Screw	N523-021
Q	Strike Screw	C603-256
CC	Spring	C503-331
DD	Catch Stop	N523-041
GG	AC Rectifier Circuit	C303-439

† Chassis part number is for reference only.
*** Not sold separately as a part.*

ND12EU RX

Exit Lock and Storeroom Lock—Electrically Unlocked (Fail Secure) Request-to-Exit

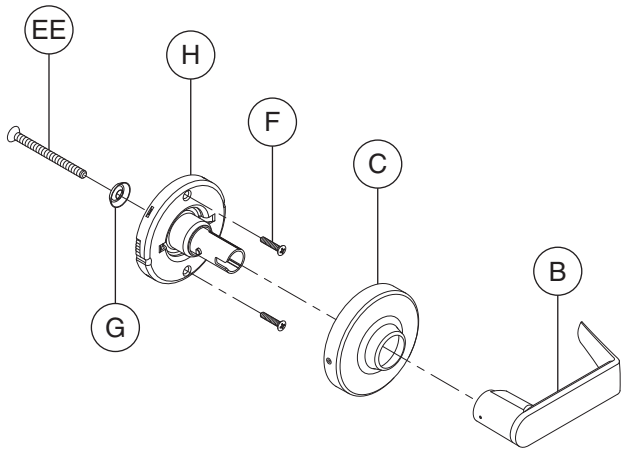


Letter	Description	Part Number
A	Outside Lever—Closed	03-030
B	Inside Lever—Closed	03-030
C	Rose	03-042
D	Outside Spring Cage—Passage	N123-022
E	Inside Spring Cage—Standard	N123-032
H	Chassis	63-216†
J	Anti-Rotation Plate	N523-131
K	Electrified Latch	**

Letter	Description	Part Number
M	Strike	10-025
N	Latch Screw	C603-897
P	Mounting Screw	N523-021
Q	Strike Screw	C603-256
CC	Spring	C503-331
DD	Catch Stop	N523-041
GG	AC Rectifier Circuit	C303-439

† Chassis part number is for reference only.
*** Not sold separately as a part.*

ND170
Single Dummy Trim



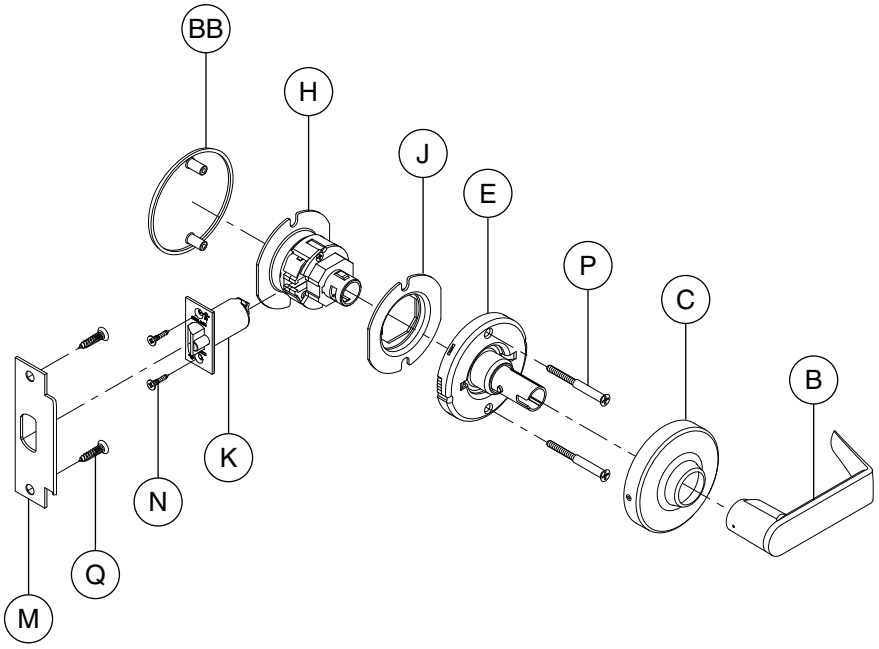
N523-105 Threaded Mounting Rod
Use for mounting two (2) ND170 sets as double dummy set.

Letter	Description	Part Number
B	Inside Lever—Closed	03-030
C	Rose	03-042
F	Dummy Mounting Screws	L583-133

Letter	Description	Part Number
F	Washer	A501-171
H	Chassis	63-104†
EE	Dummy Through Bolt	N523-092

† Chassis part number is for reference only.

ND25
Exit Lock with Blank Plate



Letter	Description	Part Number
B	Inside Lever—Closed	03-030
C	Rose	03-042
E	Inside Spring Cage—Standard	N123-032
H	Chassis	63-093†
J	Anti-Rotation Plate	N523-055
K	Deadlatch	13-047

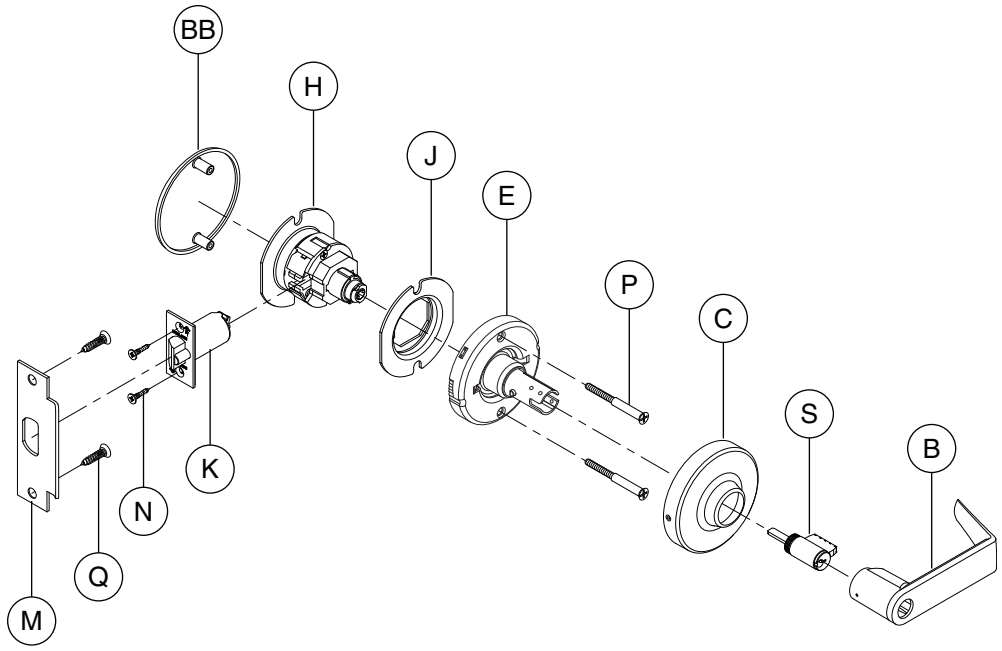
Letter	Description	Part Number
M	Strike	10-025
N	Latch Screw	C603-897
P	Mounting Screw	N523-021
Q	Strike Screw	C603-256
BB	Blank Plate	N523-002

† Chassis part number is for reference only.

ND25X70

Special—Classroom Exit Lock

ND25X70PD (shown), ND25X70RD*, ND25X70GD*



Letter	Description	Part Number
B	Inside Lever—Open	03-031
C	Rose	03-042
E	Inside Spring Cage—Keyed Inside except SFIC	N123-021
H	Chassis	63-085†
J	Anti-Rotation Plate	N523-055
K	Deadlatch	13-047

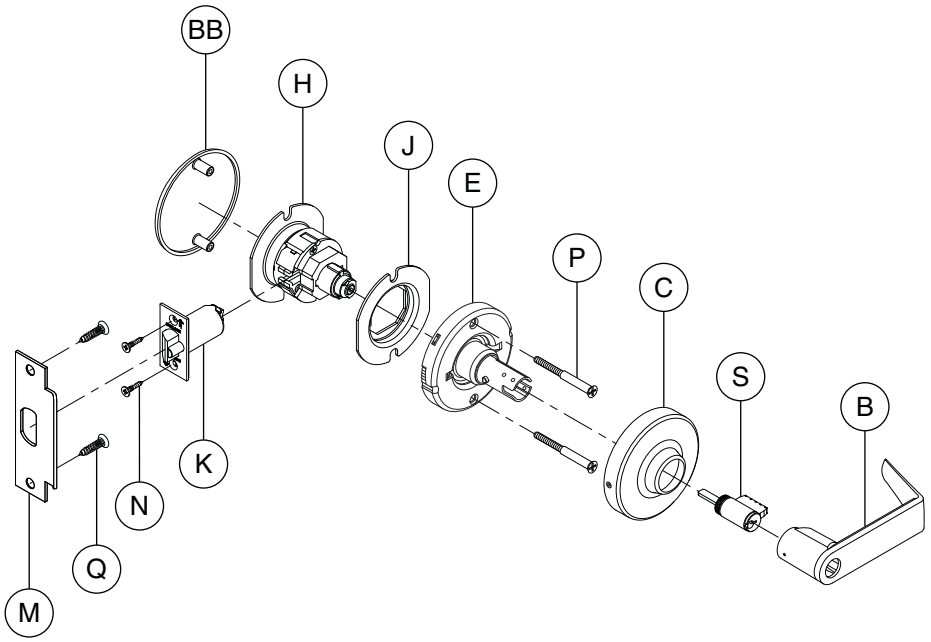
Letter	Description	Part Number
M	Strike	10-025
N	Latch Screw	C603-897
P	Mounting Screw	N523-021
Q	Strike Screw	C603-256
S	Cylinder—6-Pin	23-065
BB	Blank Plate	N523-002

**For RD (Full Size Interchangeable Core) and GD (SFIC) inside trim configurations, see page 80.*
† Chassis part number is for reference only.

ND25X80

Special—Storeroom Exit Lock

ND25X80PD (shown), ND25X80RD*, ND25X80GD*

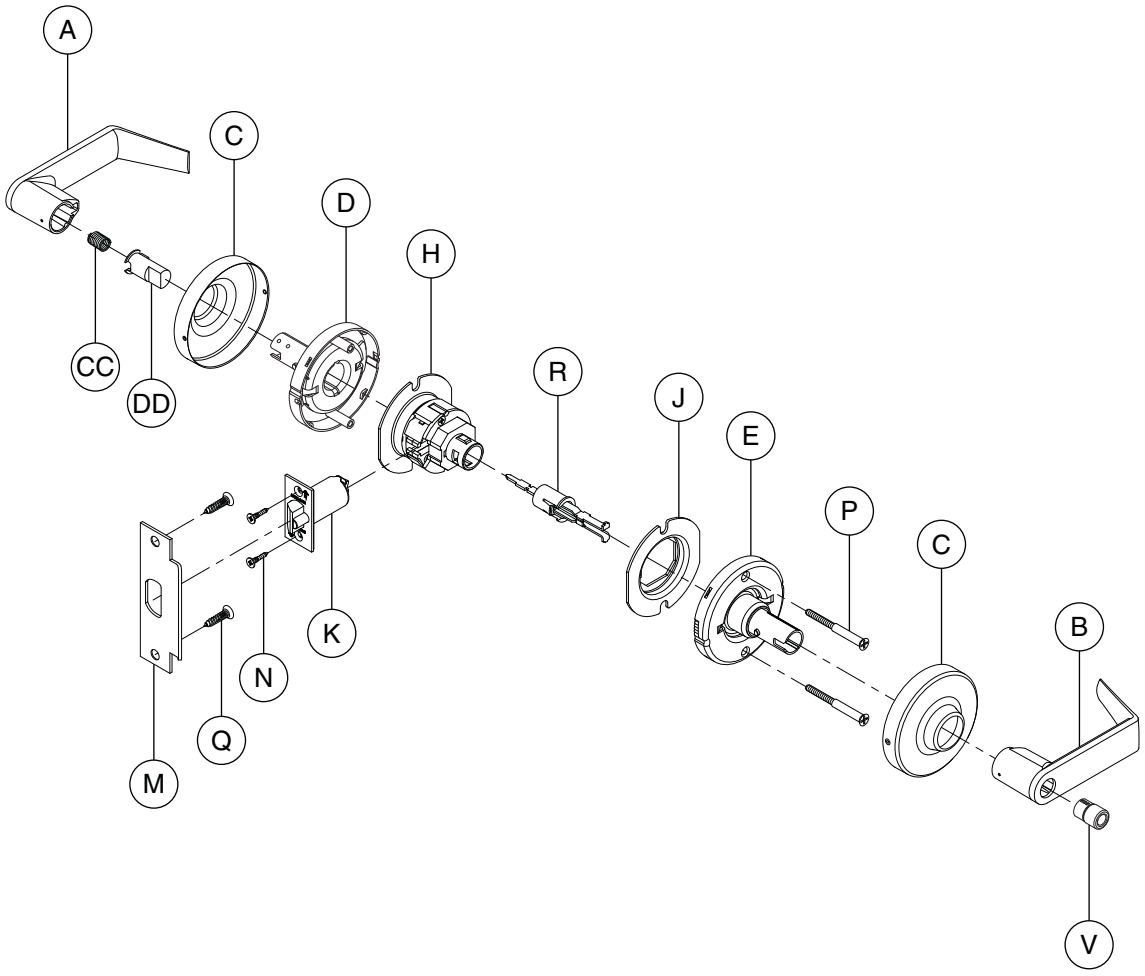


Letter	Description	Part Number
B	Inside Lever—Open	03-031
C	Rose	03-042
E	Inside Spring Cage—Keyed Inside except SFIC	N123-021
H	Chassis	63-086†
J	Anti-Rotation Plate	N523-055
K	Deadlatch	13-047

Letter	Description	Part Number
M	Strike	10-025
N	Latch Screw	C603-897
P	Mounting Screw	N523-021
Q	Strike Screw	C603-256
S	Cylinder—6-Pin	23-065
BB	Blank Plate	N523-002

**For RD (Full Size Interchangeable Core) and GD (SFIC) inside trim configurations, see page 80.*
† Chassis part number is for reference only.

ND30
Special—Patio Lock

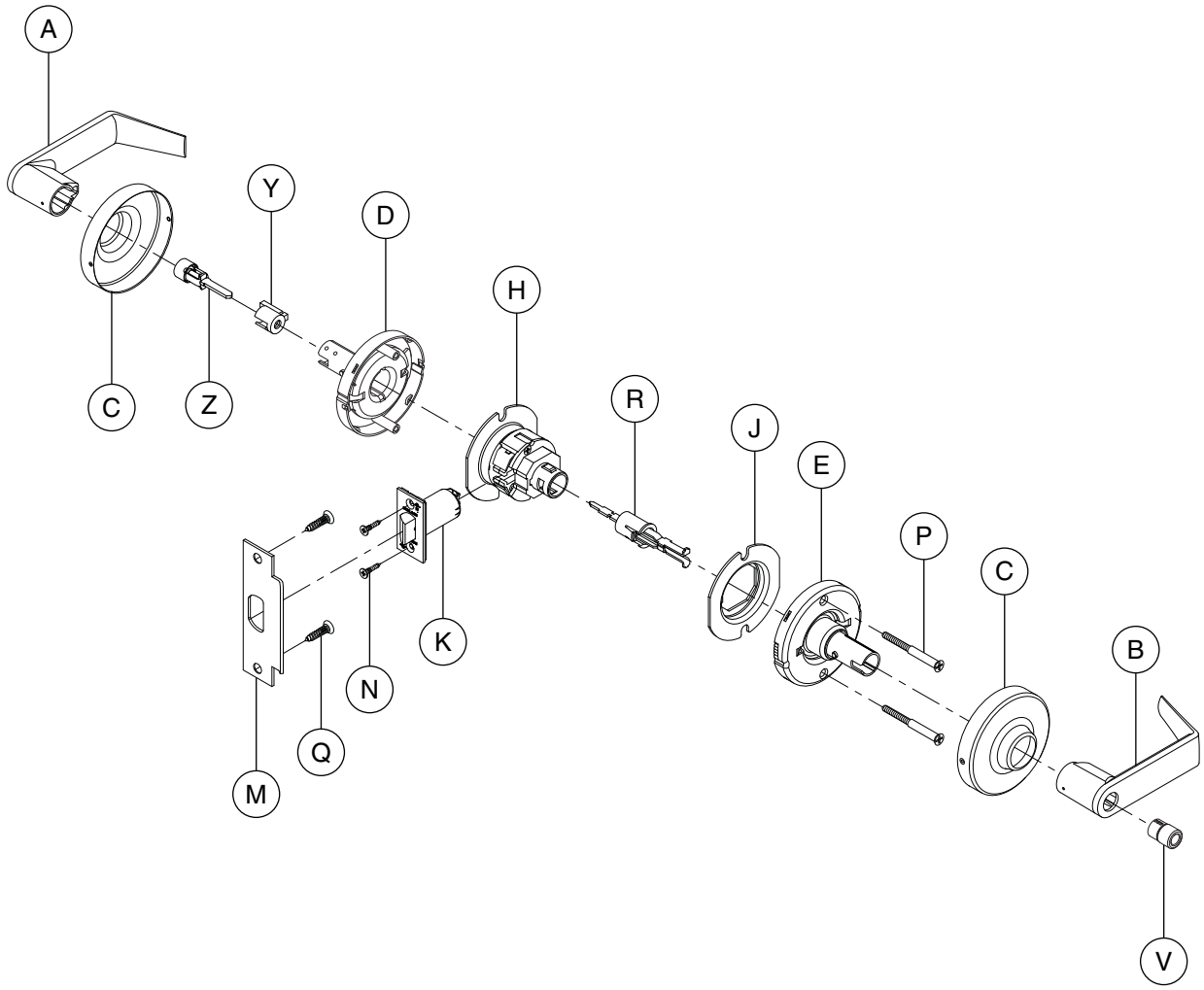


Letter	Description	Part Number
A	Outside Lever—Closed	03-030
B	Inside Lever—Open	03-031
C	Rose	03-042
D	Outside Spring Cage—Standard	N123-022
E	Inside Spring Cage—Standard	N123-032
H	Chassis	63-094†
J	Anti-Rotation Plate	N523-055
K	Deadlatch	13-047

Letter	Description	Part Number
M	Strike	10-025
N	Latch Screw	C603-897
P	Mounting Screw	N523-021
Q	Strike Screw	C603-256
R	Plunger—Push Button	N123-028
V	Push Button	N523-000
CC	Spring	C503-331
DD	Catch Stop	N523-041

† Chassis part number is for reference only.

ND40
Bath/Bedroom Privacy Lock

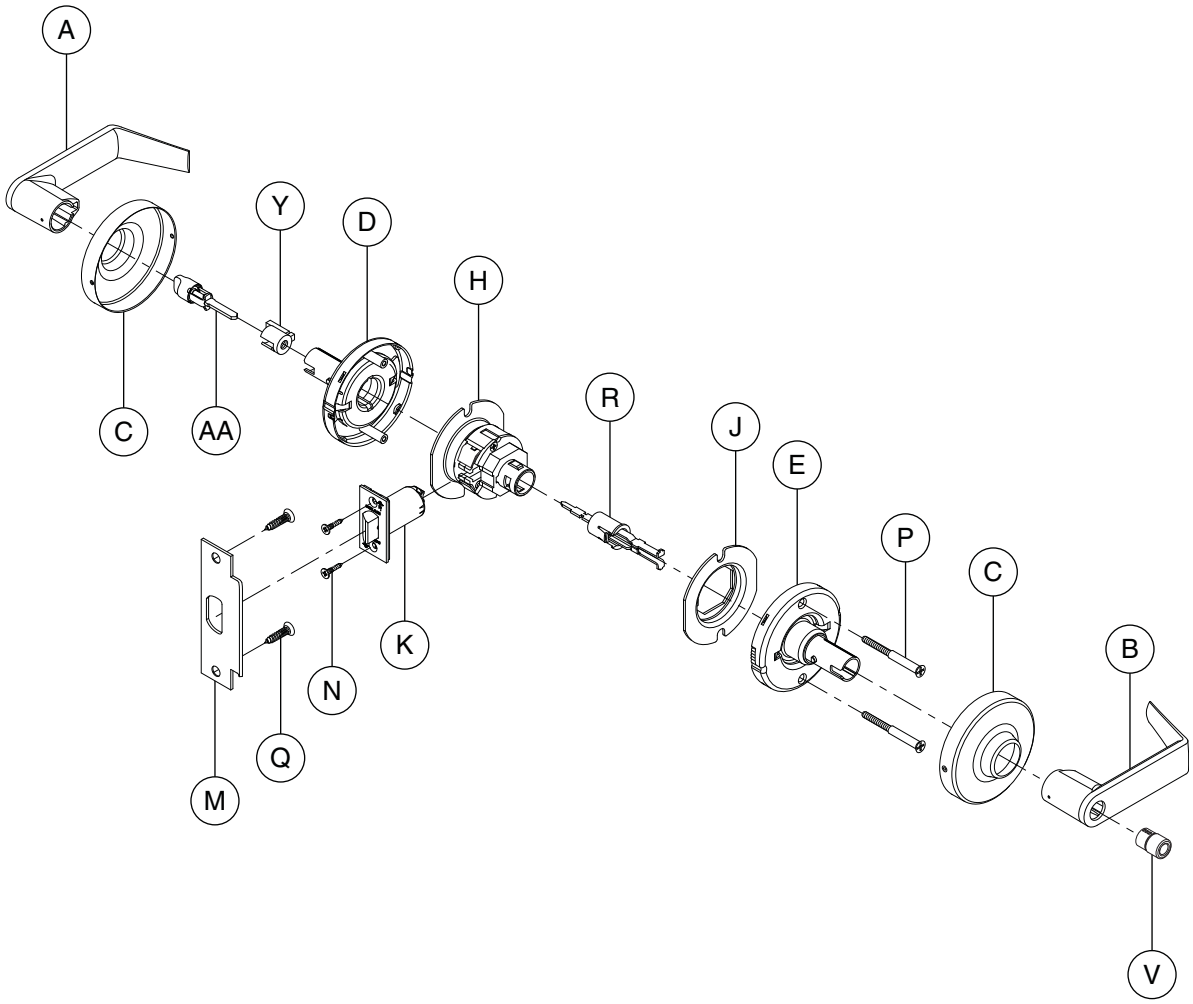


Letter	Description	Part Number
A	Outside Lever—Open	03-031
B	Inside Lever—Open	03-031
C	Rose	03-042
D	Outside Spring Cage—Standard	N123-022
E	Inside Spring Cage—Standard	N123-032
H	Chassis	63-094†
J	Anti-Rotation Plate	N523-055
K	Springlatch	13-048

Letter	Description	Part Number
M	Strike	10-025
N	Latch Screw	C603-897
P	Mounting Screw	N523-021
Q	Strike Screw	C603-256
R	Plunger—Push Button	N123-028
V	Push Button	N523-000
Y	Emergency Cylinder	N523-020
Z	Emergency Button and Plunger	N123-034

† Chassis part number is for reference only.

ND44
Hospital Privacy Lock

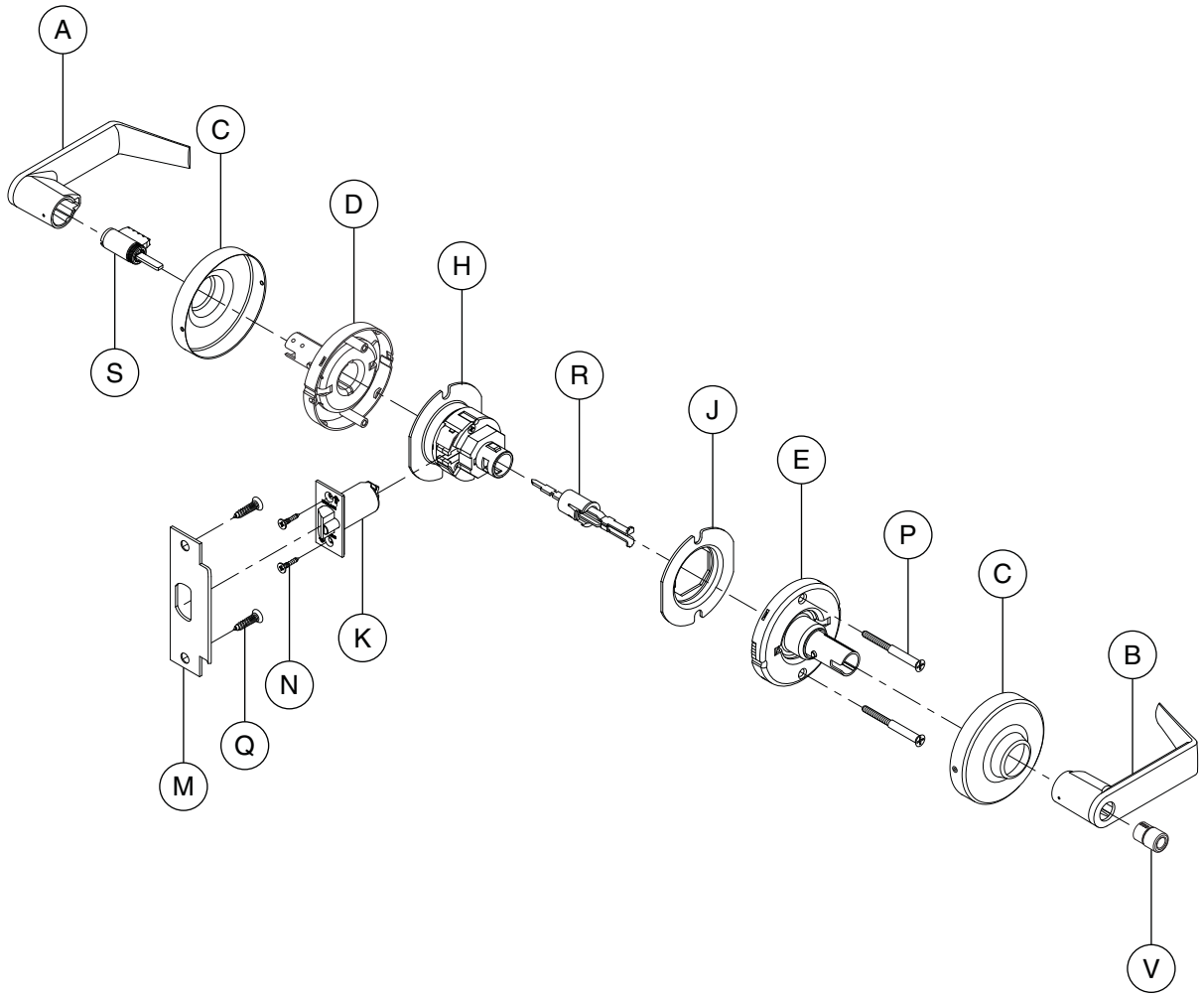


Letter	Description	Part Number
A	Outside Lever—Open	03-031
B	Inside Lever—Open	03-031
C	Rose	03-042
D	Outside Spring Cage—Standard	N123-022
E	Inside Spring Cage—Standard	N123-032
H	Chassis	63-094†
J	Anti-Rotation Plate	N523-055
K	Springlatch	13-048

Letter	Description	Part Number
M	Strike	10-025
N	Latch Screw	C603-897
P	Mounting Screw	N523-021
Q	Strike Screw	C603-256
R	Plunger—Push Button	N123-028
V	Push Button	N523-000
Y	Emergency Cylinder	N523-020
AA	Emergency Turn Button and Plunger	N123-035

† Chassis part number is for reference only.

ND50
Entrance/Office Lock
ND50PD (shown), ND50RD*, ND50GD*

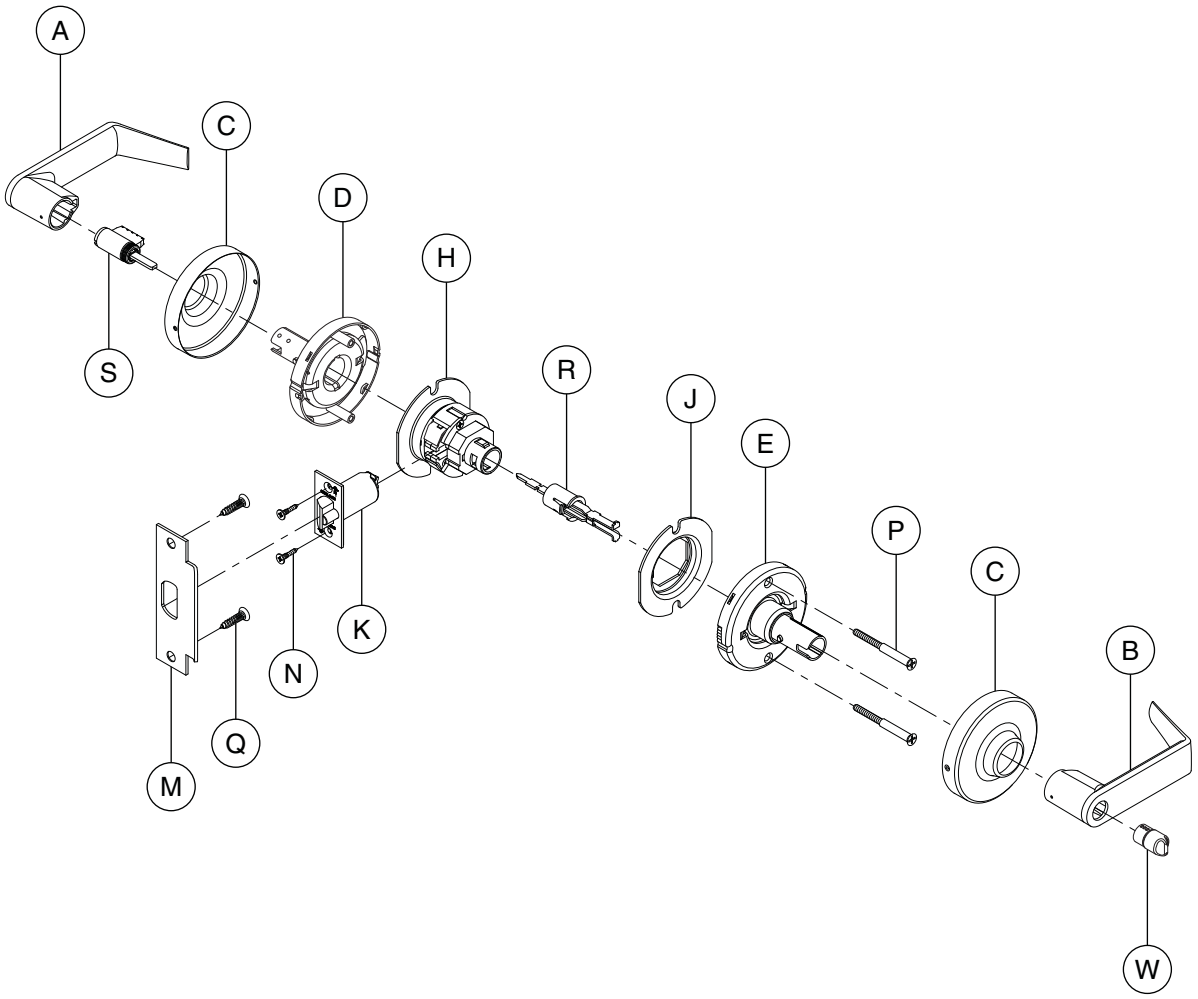


Letter	Description	Part Number
A	Outside Lever—Open	03-031
B	Inside Lever—Open	03-031
C	Rose	03-042
D	Outside Spring Cage—Standard	N123-022
E	Inside Spring Cage—Standard	N123-032
H	Chassis	63-090†
J	Anti-Rotation Plate	N523-055
K	Deadlatch	13-047

Letter	Description	Part Number
M	Strike	10-025
N	Latch Screw	C603-897
P	Mounting Screw	N523-021
Q	Strike Screw	C603-256
R	Plunger—Push Button	N123-028
S	Cylinder—6-Pin	23-065
V	Push Button	N523-000

** For RD (Full Size Interchangeable Core) and GD (SFIC) outside trim configurations, see page 80.*
† Chassis part number is for reference only.

ND53
Entrance Lock
ND53PD (shown), ND53RD*, ND53GD*

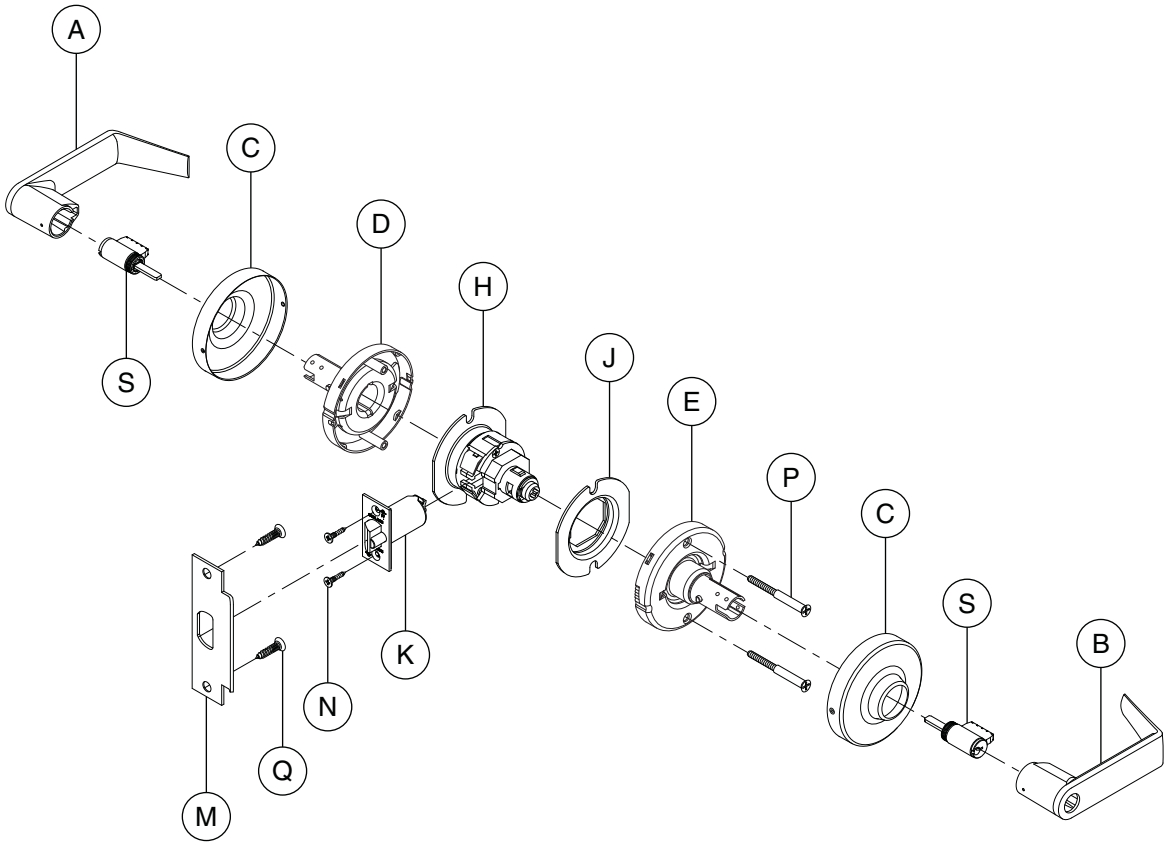


Letter	Description	Part Number
A	Outside Lever—Open	03-031
B	Inside Lever—Open	03-031
C	Rose	03-042
D	Outside Spring Cage—Standard	N123-022
E	Inside Spring Cage—Standard	N123-032
H	Chassis	63-090†
J	Anti-Rotation Plate	N523-055
K	Deadlatch	13-047

Letter	Description	Part Number
M	Strike	10-025
N	Latch Screw	C603-897
P	Mounting Screw	N523-021
Q	Strike Screw	C603-256
R	Plunger—Push and Turn	N123-017
S	Cylinder—6-Pin	23-065
W	Push and Turn Button	N523-001

** For RD (Full Size Interchangeable Core) and GD (SFIC) outside trim configurations, see page 80.*
† Chassis part number is for reference only.

ND60
Vestibule Lock
ND60PD (shown), ND60RD*, ND60GD*



Letter	Description	Part Number
A	Outside Lever—Open	03-031
B	Inside Lever—Open	03-031
C	Rose	03-042
D	Outside Spring Cage—Standard	N123-022
E	Inside Spring Cage—Keyed Inside except SFIC	N123-021
H	Chassis	63-095†
J	Anti-Rotation Plate	N523-055

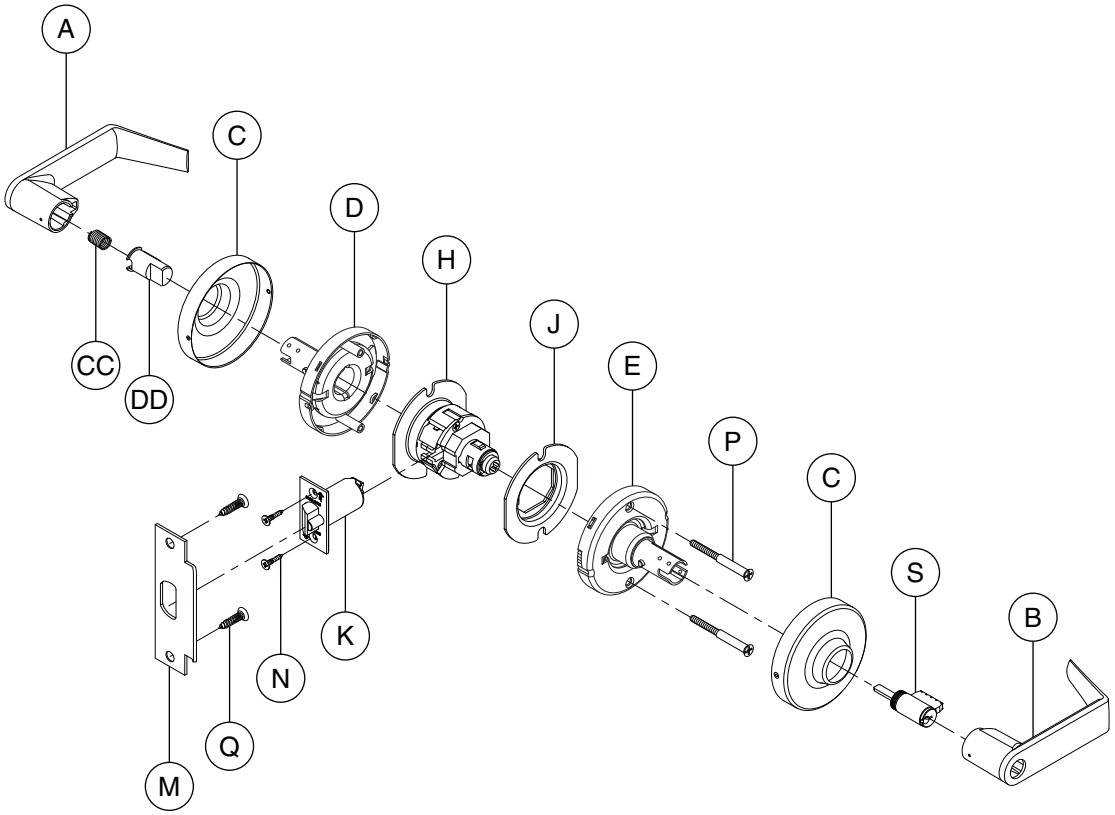
Letter	Description	Part Number
K	Deadlatch	13-047
M	Strike	10-025
N	Latch Screw	C603-897
P	Mounting Screw	N523-021
Q	Strike Screw	C603-256
S	Cylinder—6-Pin	23-065

** For RD (Full Size Interchangeable Core) and GD (SFIC) outside trim configurations, see page 80.*
† Chassis part number is for reference only.

ND60 with closed outside lever

Special

ND60PD with closed outside lever (shown), ND60RD*, ND60GD*

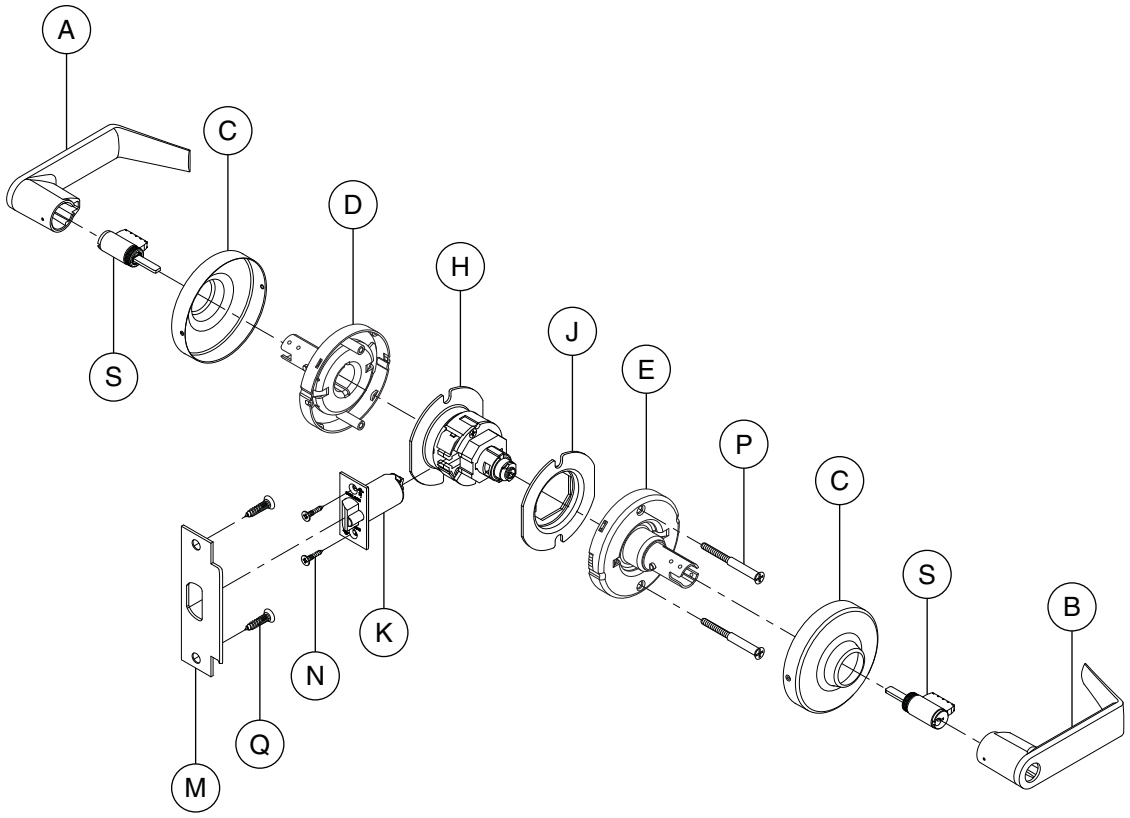


Letter	Description	Part Number
A	Outside Lever—Closed	03-030
B	Inside Lever—Open	03-031
C	Rose	03-042
D	Outside Spring Cage—Standard	N123-022
E	Inside Spring Cage—Keyed Inside except SFIC	N123-021
H	Chassis	63-095†
J	Anti-Rotation Plate	N523-055
K	Deadlatch	13-047

Letter	Description	Part Number
M	Strike	10-025
N	Latch Screw	C603-897
P	Mounting Screw	N523-021
Q	Strike Screw	C603-256
S	Cylinder—6-Pin	23-065
CC	Spring	C503-331
DD	Catch Stop	N523-041

** For RD (Full Size Interchangeable Core) and GD (SFIC) outside trim configurations, see page 80.*
† Chassis part number is for reference only.

ND66
Store Lock
ND66PD (shown), ND66RD*, ND66GD*

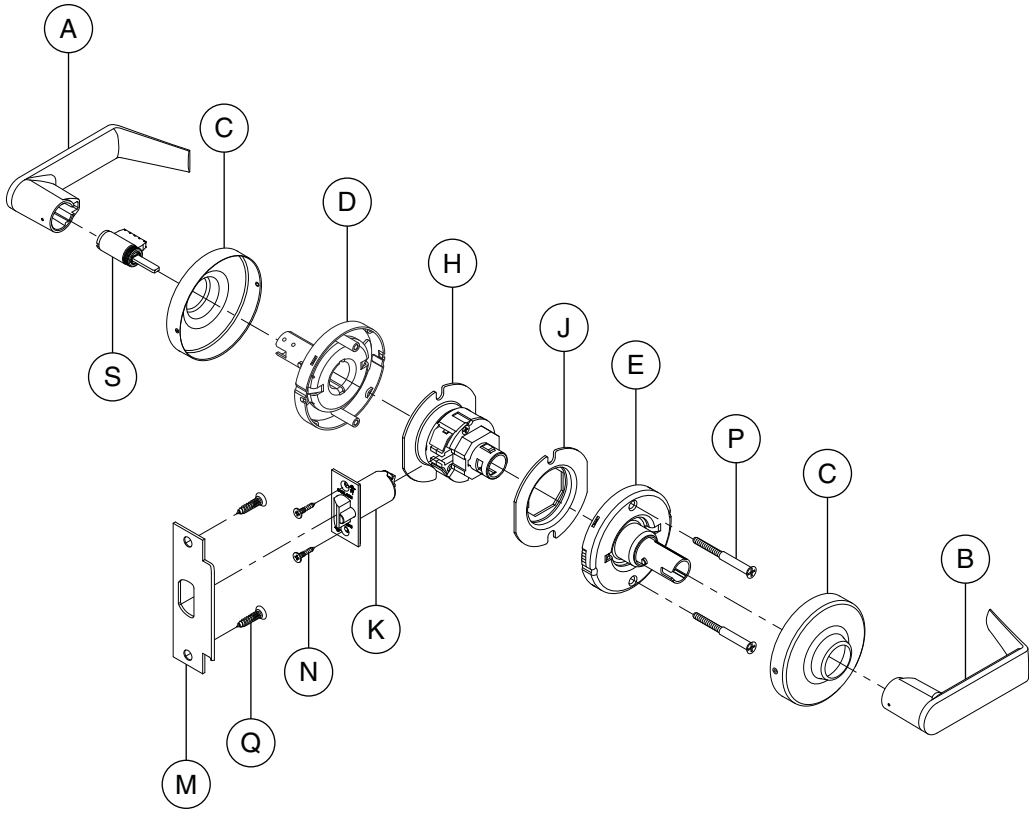


Letter	Description	Part Number
A	Outside Lever—Open	03-031
B	Inside Lever—Open	03-031
C	Rose	03-042
D	Outside Spring Cage—Standard	N123-022
E	Inside Spring Cage—Keyed Inside except SFIC	N123-021
H	Chassis	63-096†
J	Anti-Rotation Plate	N523-055

Letter	Description	Part Number
K	Deadlatch	13-047
M	Strike	10-025
N	Latch Screw	C603-897
P	Mounting Screw	N523-021
Q	Strike Screw	C603-256
S	Cylinder—6-Pin	23-065

** For RD (Full Size Interchangeable Core) and GD (SFIC) outside trim configurations, see page 80.*
† Chassis part number is for reference only.

ND70
Classroom Lock
ND70PD (shown), ND70RD*, ND70GD*



Letter	Description	Part Number
A	Outside Lever—Open	03-031
B	Inside Lever—Closed	03-030
C	Rose	03-042
D	Outside Spring Cage—Standard	N123-022
E	Inside Spring Cage—Standard	N123-032
H	Chassis	63-097†
J	Anti-Rotation Plate	N523-055

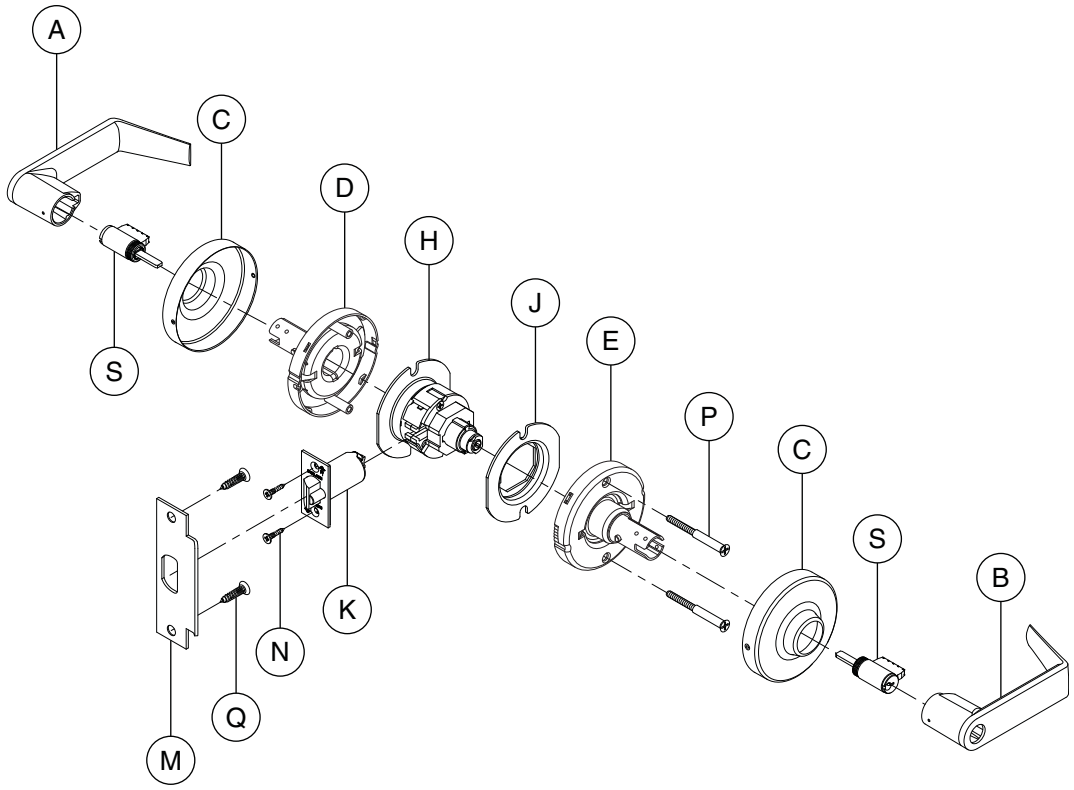
Letter	Description	Part Number
K	Deadlatch	13-047
M	Strike	10-025
N	Latch Screw	C603-897
P	Mounting Screw	N523-021
Q	Strike Screw	C603-256
S	Cylinder—6-Pin	23-065

** For RD (Full Size Interchangeable Core) and GD (SFIC) outside trim configurations, see page 80.*
† Chassis part number is for reference only.

ND70X80

Special—Classroom by Storeroom Lock

ND70X80PD (shown), NDX80RD*, ND70X80GD*



Letter	Description	Part Number
A	Outside Lever—Open	03-031
B	Inside Lever—Open	03-031
C	Rose	03-042
D	Outside Spring Cage—Standard	N123-022
E	Inside Spring Cage—Keyed Inside except SFIC	N123-021
H	Chassis	63-087†
J	Anti-Rotation Plate	N523-055

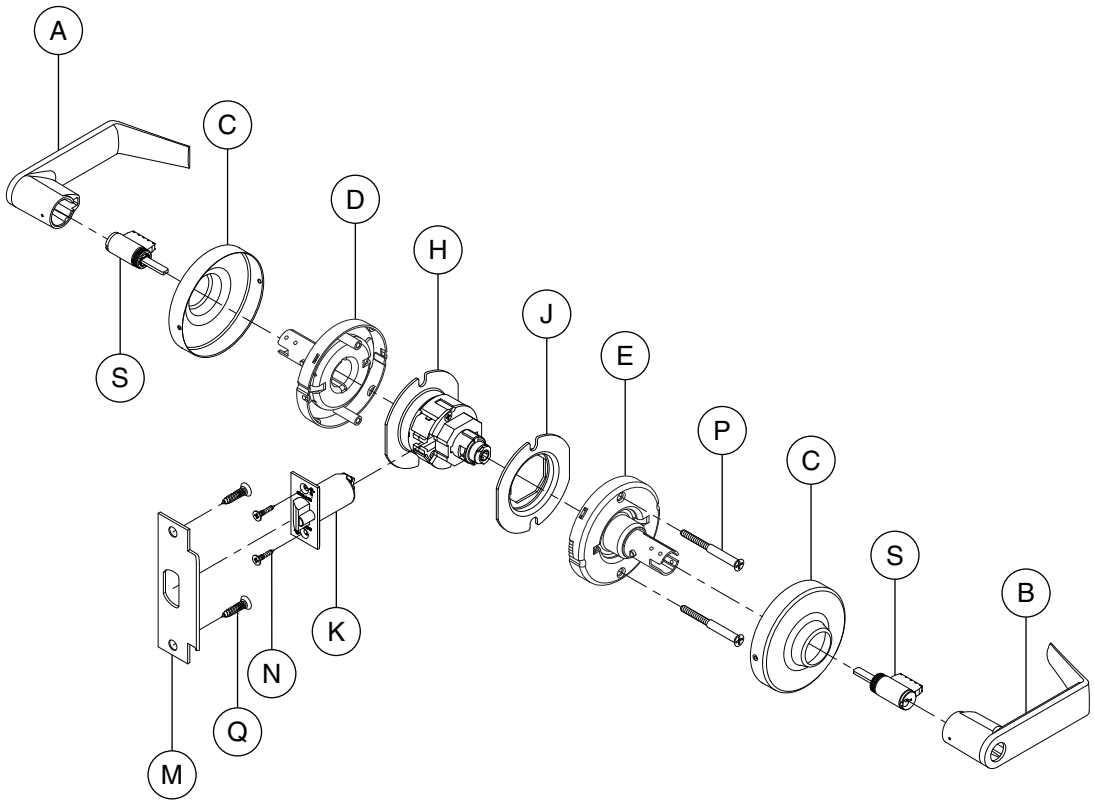
Letter	Description	Part Number
K	Deadlatch	13-047
M	Strike	10-025
N	Latch Screw	C603-897
P	Mounting Screw	N523-021
Q	Strike Screw	C603-256
S	Cylinder—6-Pin	23-065

** For RD (Full Size Interchangeable Core) and GD (SFIC) outside trim configurations, see page 80.*
† Chassis part number is for reference only.

ND72

Special—Communicating Lock

ND72PD (shown), ND72RD*, ND72GD*



Letter	Description	Part Number
A	Outside Lever—Open	03-031
B	Inside Lever—Open	03-031
C	Rose	03-042
D	Outside Spring Cage—Standard	N123-022
E	Inside Spring Cage—Keyed Inside except SFIC	N123-021
H	Chassis	63-083†
J	Anti-Rotation Plate	N523-055

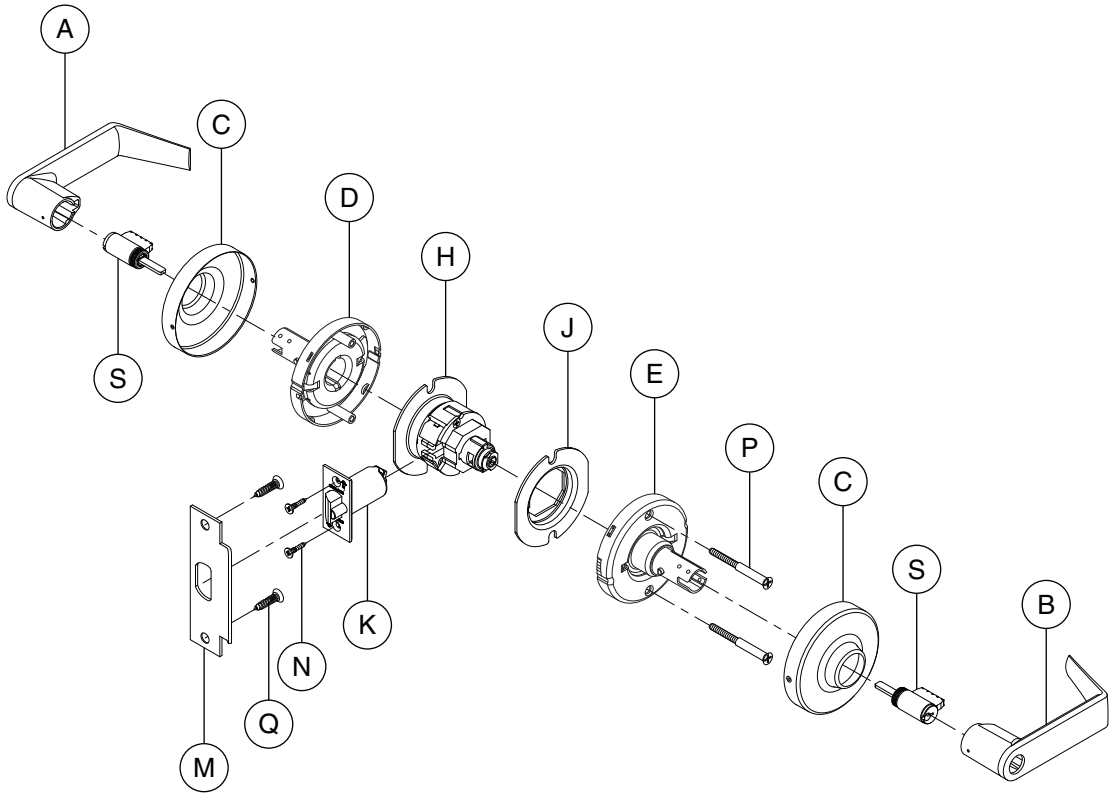
Letter	Description	Part Number
K	Deadlatch	13-047
M	Strike	10-025
N	Latch Screw	C603-897
P	Mounting Screw	N523-021
Q	Strike Screw	C603-256
S	Cylinder—6-Pin	23-065

** For RD (Full Size Interchangeable Core) and GD (SFIC) outside trim configurations, see page 80.*
† Chassis part number is for reference only.

ND72 Vandlgard®

Special—Communicating Lock with Vandlgard®

ND72PD Vandlgard® (shown), ND72RD Vandlgard®*, ND72GD Vandlgard®*

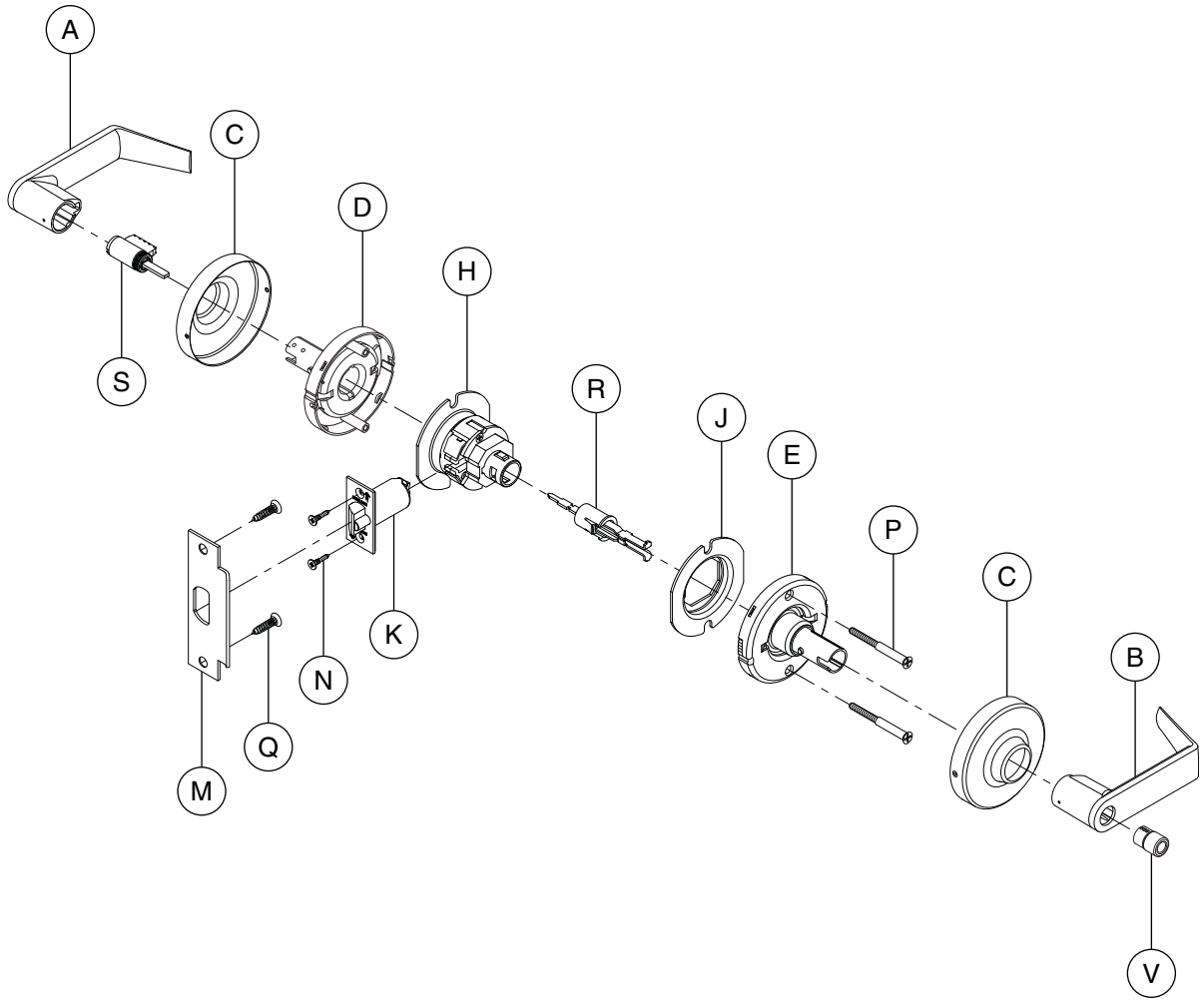


Letter	Description	Part Number
A	Outside Lever—Open	03-031
B	Inside Lever—Open	03-031
C	Rose	03-042
D	Outside Spring Cage—Standard	N123-022
E	Inside Spring Cage—Keyed Inside except SFIC	N123-021
H	Chassis	63-084†
J	Anti-Rotation Plate	N523-055

Letter	Description	Part Number
K	Deadlatch	13-047
M	Strike	10-025
N	Latch Screw	C603-897
P	Mounting Screw	N523-021
Q	Strike Screw	C603-256
S	Cylinder—6-Pin	23-065

** For RD (Full Size Interchangeable Core) and GD (SFIC) outside trim configurations, see page 80.*
† Chassis part number is for reference only.

ND73
Corridor Lock
ND73PD (shown), ND73RD*, ND73GD*

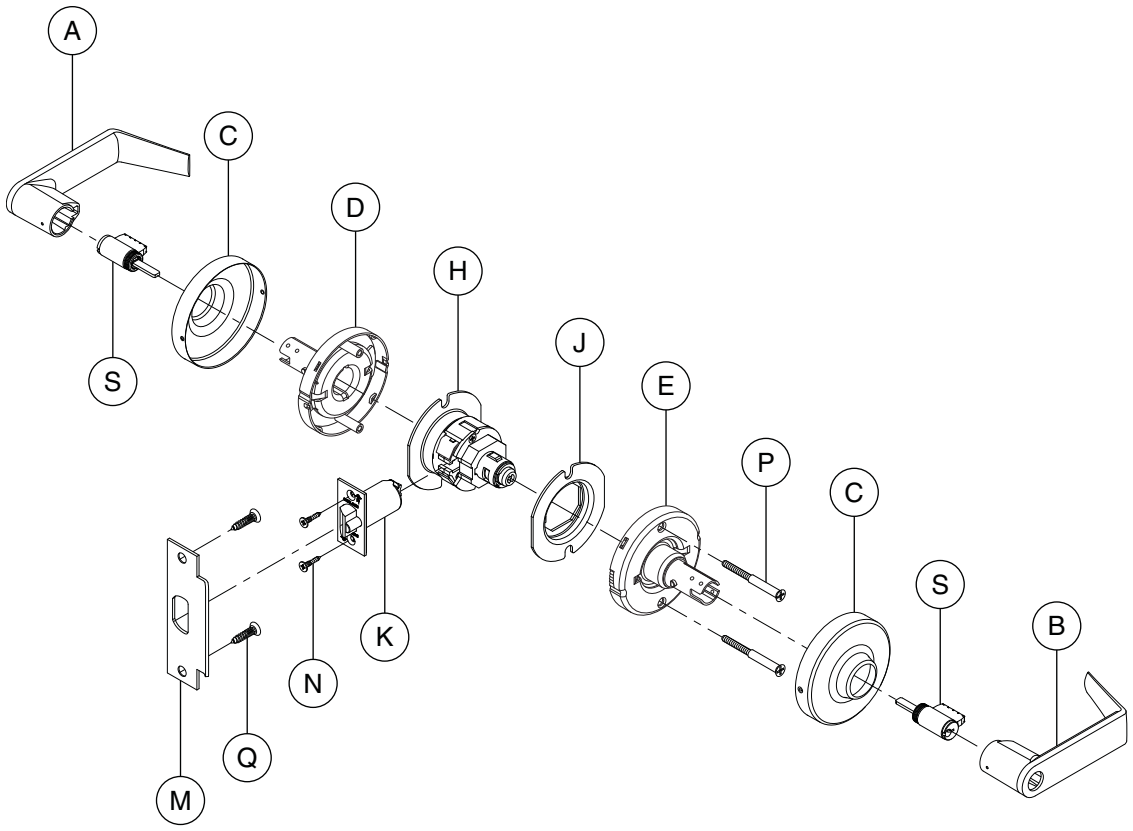


Letter	Description	Part Number
A	Outside Lever—Open	03-031
B	Inside Lever—Open	03-031
C	Rose	03-042
D	Outside Spring Cage—Standard	N123-022
E	Inside Spring Cage—Standard	N123-032
H	Chassis	63-098†
J	Anti-Rotation Plate	N523-055
K	Deadlatch	13-047

Letter	Description	Part Number
M	Strike	10-025
N	Latch Screw	C603-897
P	Mounting Screw	N523-021
Q	Strike Screw	C603-256
R	Plunger—Push Button	N123-028
S	Cylinder—6-Pin	23-065
V	Push Button	N523-000

** For RD (Full Size Interchangeable Core) and GD (SFIC) outside trim configurations, see page 80.*
† Chassis part number is for reference only.

ND75
Classroom Security Lock
ND75PD (shown), ND75RD*, ND75GD*

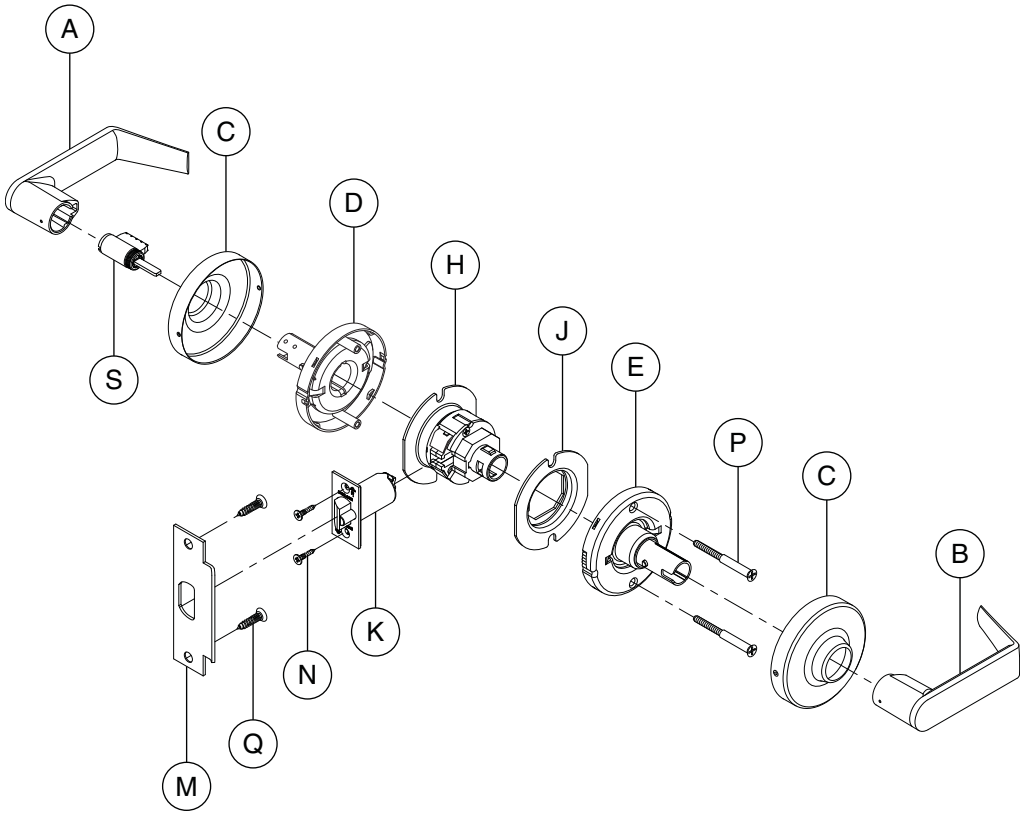


Letter	Description	Part Number
A	Outside Lever—Open	03-031
B	Inside Lever—Open	03-031
C	Rose	03-042
D	Outside Spring Cage—Standard	N123-022
E	Inside Spring Cage—Keyed Inside except SFIC	N123-021
H	Chassis	63-005†
J	Anti-Rotation Plate	N523-055

Letter	Description	Part Number
K	Deadlatch	13-047
M	Strike	10-025
N	Latch Screw	C603-897
P	Mounting Screw	N523-021
Q	Strike Screw	C603-256
S	Cylinder—6-Pin	23-065

** For RD (Full Size Interchangeable Core) and GD (SFIC) outside trim configurations, see page 80.*
† Chassis part number is for reference only.

ND80
Storeroom Lock
ND80PD (shown), ND80RD*, ND80GD*



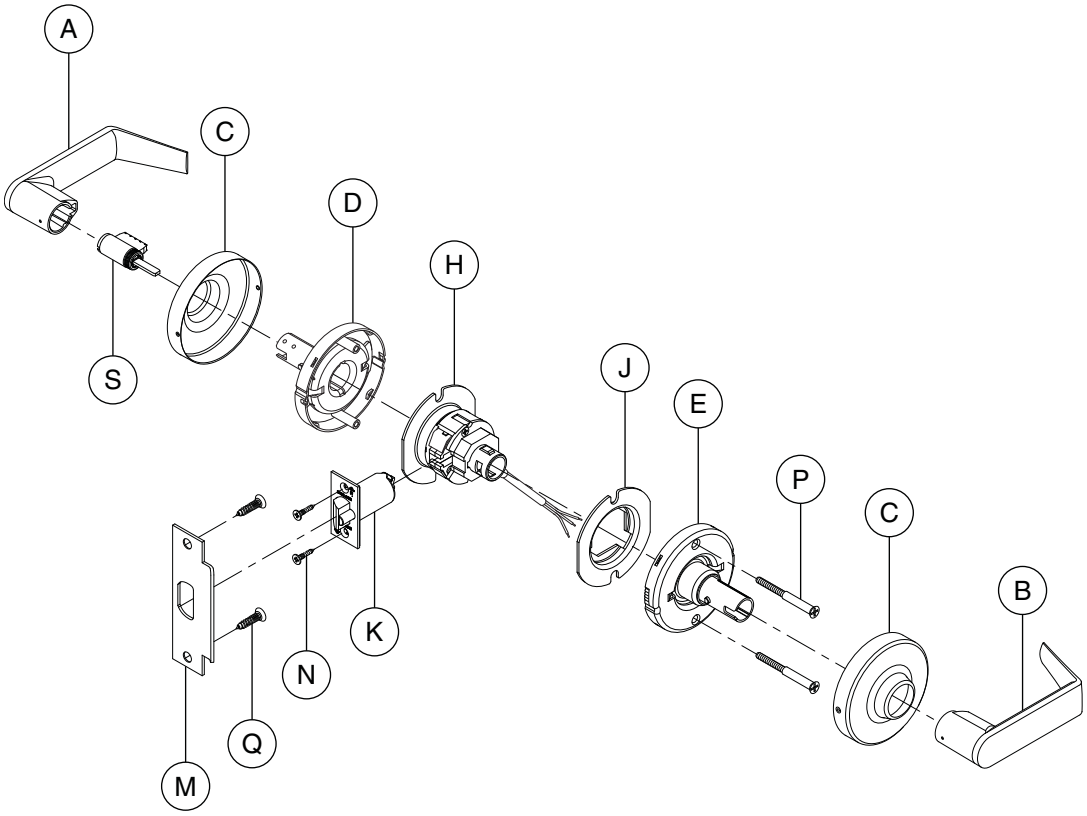
Letter	Description	Part Number
A	Outside Lever—Open	03-031
B	Inside Lever—Closed	03-030
C	Rose	03-042
D	Outside Spring Cage—Standard	N123-022
E	Inside Spring Cage—Standard	N123-032
H	Chassis	63-092†
J	Anti-Rotation Plate	N523-055

Letter	Description	Part Number
K	Deadlatch	13-047
M	Strike	10-025
N	Latch Screw	C603-897
P	Mounting Screw	N523-021
Q	Strike Screw	C603-256
S	Cylinder—6-Pin	23-065

** For RD (Full Size Interchangeable Core) and GD (SFIC) outside trim configurations, see page 80.*
† Chassis part number is for reference only.

ND80 RX

Storeroom Lock with Request-to-Exit
ND80PD RX (shown), ND80RD RX, ND80GD RX



Letter	Description	Part Number
A	Outside Lever—Open	03-031
B	Inside Lever—Closed	03-030
C	Rose	03-042
D	Outside Spring Cage—Standard	N123-022
E	Inside Spring Cage—Standard	N123-032
H	Chassis	63-217†
J	Anti-Rotation Plate	N523-131

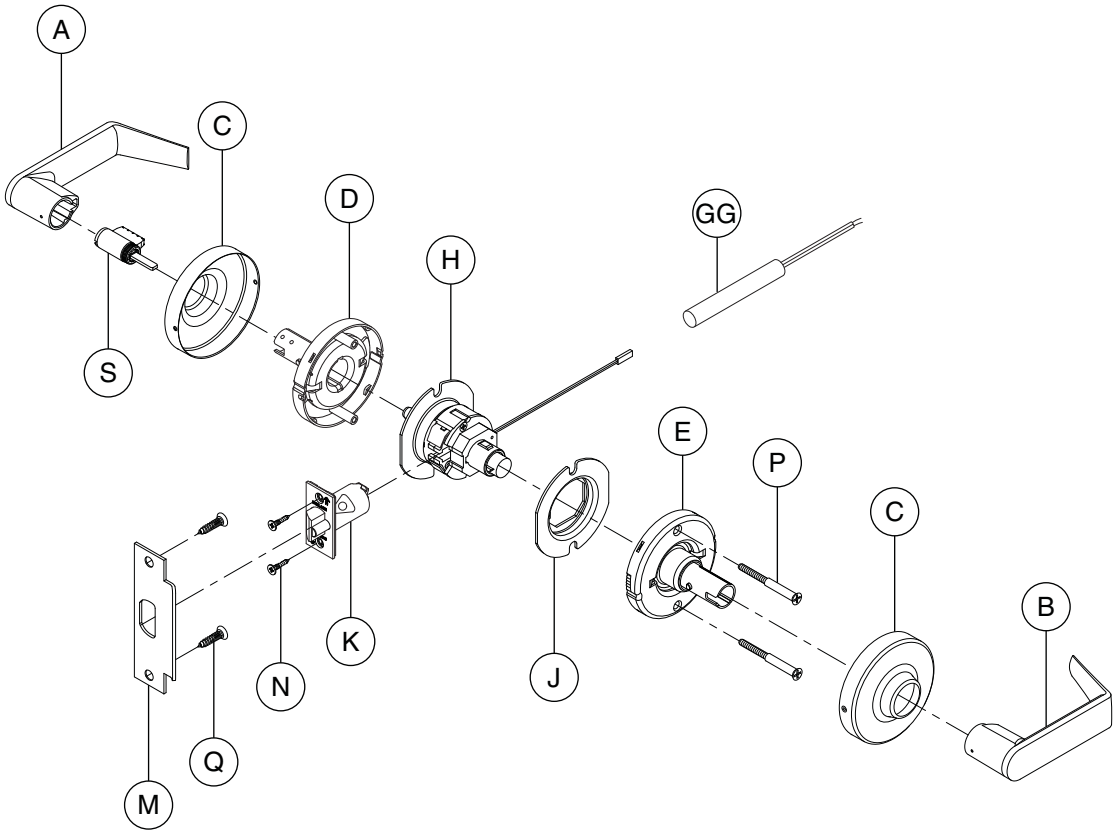
Letter	Description	Part Number
K	Deadlatch	13-047
M	Strike	10-025
N	Latch Screw	C603-897
P	Mounting Screw	N523-021
Q	Strike Screw	C603-256
S	Cylinder—6-Pin	23-065

** For RD (Full Size Interchangeable Core) and GD (SFIC) outside trim configurations, see page 80.*
† Chassis part number is for reference only.

Ingersoll Rand Security Technologies

ND80EL

Storeroom Lock—Electrically Locked (Fail Safe)
ND80ELPD (shown), ND80ELRD*, ND80ELGD*



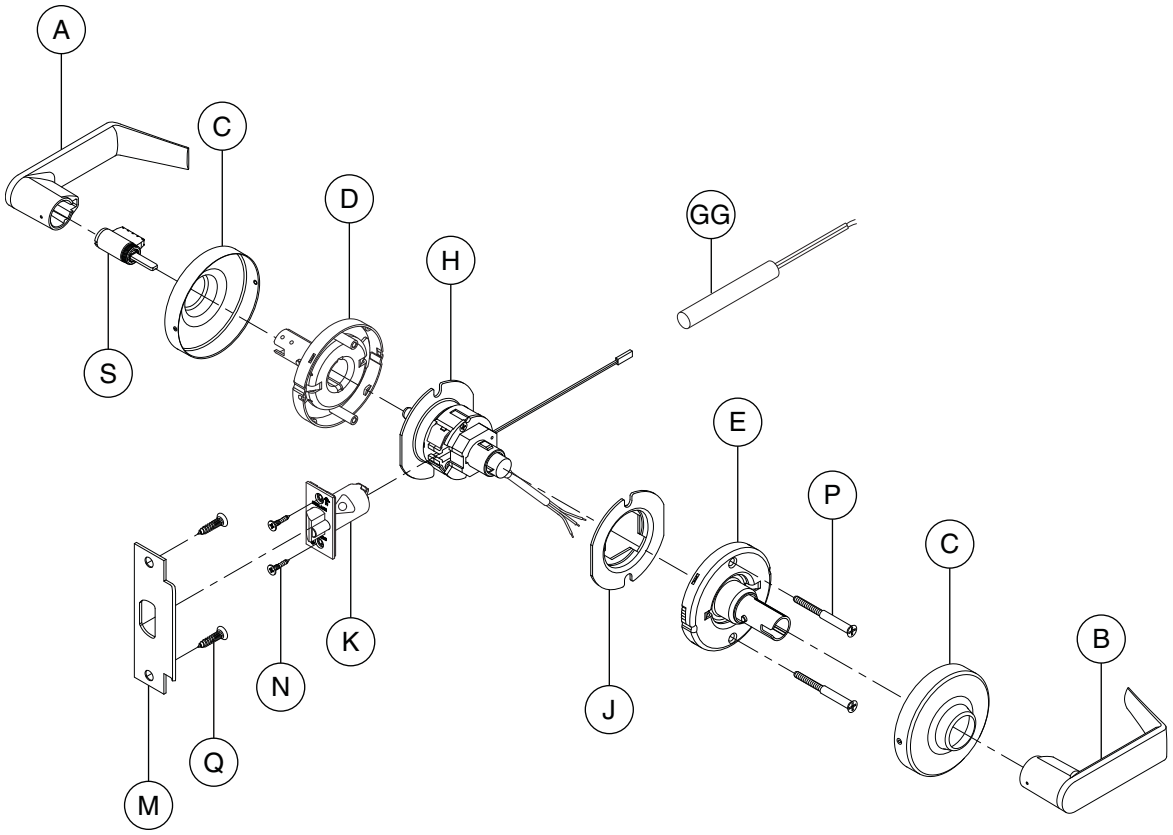
Letter	Description	Part Number
A	Outside Lever—Open	03-031
B	Inside Lever—Closed	03-030
C	Rose	03-042
D	Outside Spring Cage—Standard	N123-022
E	Inside Spring Cage—Standard	N123-032
H	Chassis	63-106†
J	Anti-Rotation Plate	N523-055

Letter	Description	Part Number
K	Electrified Latch	**
M	Strike	10-025
N	Latch Screw	C603-897
P	Mounting Screw	N523-021
Q	Strike Screw	C603-256
S	Cylinder—6-Pin	23-065
GG	AC Rectifier Circuit	C303-439

** For RD (Full Size Interchangeable Core) and GD (SFIC) outside trim configurations, see page 80.*
*** Not sold separately as a part.*
† Chassis part number is for reference only.

ND80EL RX

Storeroom Lock—Electrically Locked (Fail Safe) with Request-to-Exit
ND80ELPD RX (shown), ND80ELRD RX, ND80ELGD RX



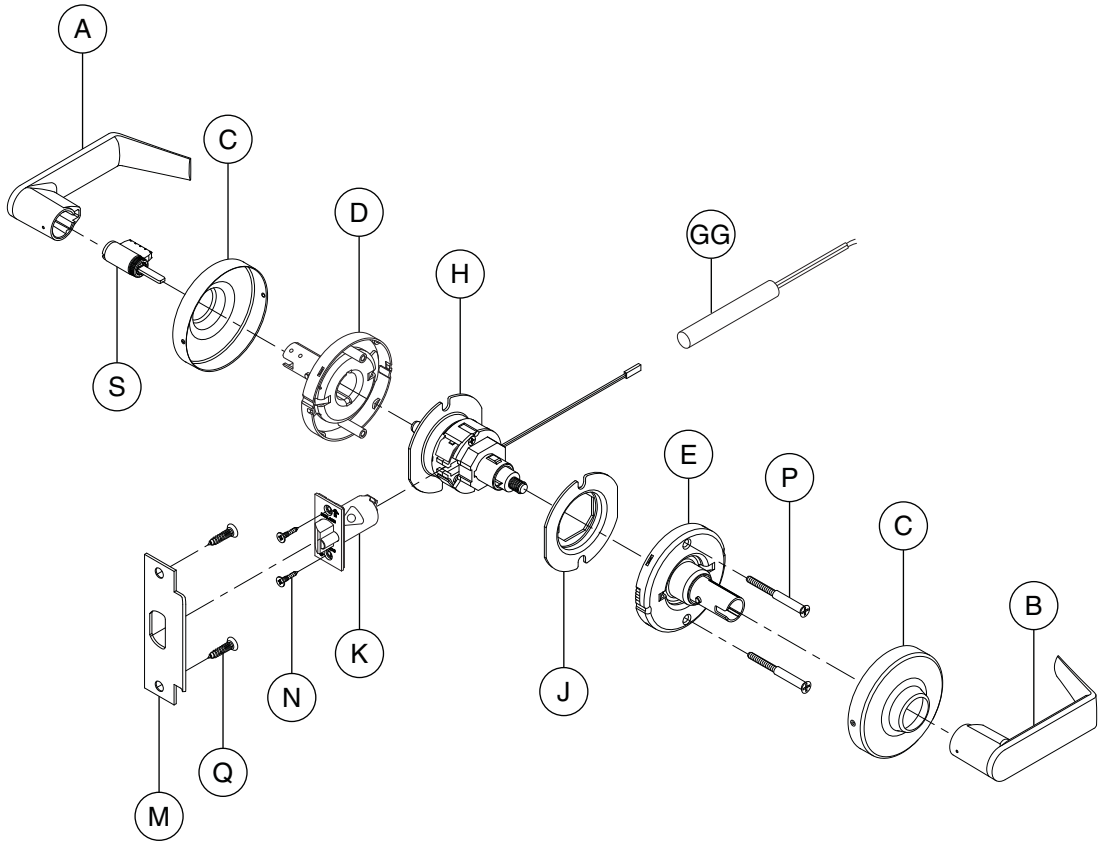
Letter	Description	Part Number
A	Outside Lever—Open	03-031
B	Inside Lever—Closed	03-030
C	Rose	03-042
D	Outside Spring Cage—Standard	N123-022
E	Inside Spring Cage—Standard	N123-032
H	Chassis	63-215†
J	Anti-Rotation Plate	N523-131

Letter	Description	Part Number
K	Electrified Latch	**
M	Strike	10-025
N	Latch Screw	C603-897
P	Mounting Screw	N523-021
Q	Strike Screw	C603-256
S	Cylinder—6-Pin	23-065
GG	AC Rectifier Circuit	C303-439

** For RD (Full Size Interchangeable Core) and GD (SFIC) outside trim configurations, see page 80.*
*** Not sold separately as a part.*
† Chassis part number is for reference only.

ND80EU

Storeroom Lock—Electrically Unlocked (Fail Secure)
ND80EUPD (shown), ND80EURD*, ND80EUGD*,



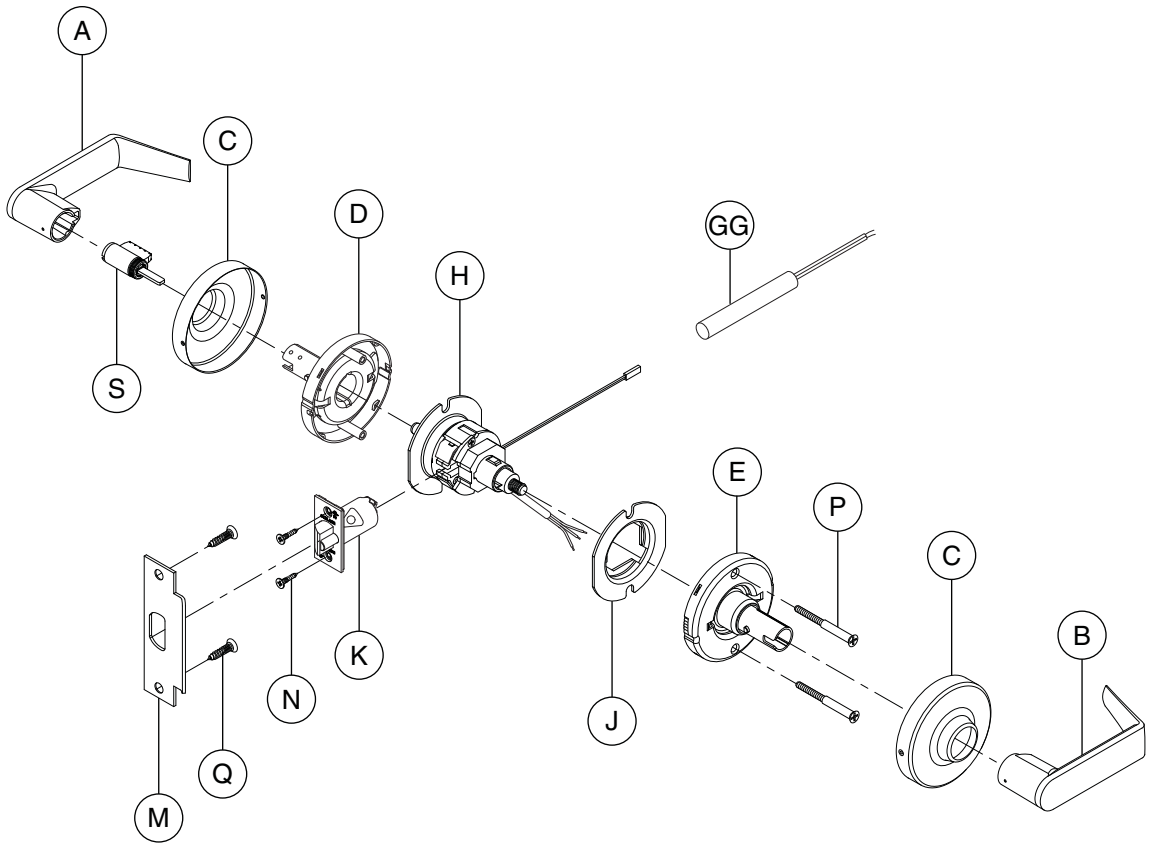
Letter	Description	Part Number
A	Outside Lever—Open	03-031
B	Inside Lever—Closed	03-030
C	Rose	03-042
D	Outside Spring Cage—Standard	N123-022
E	Inside Spring Cage—Standard	N123-032
H	Chassis	63-105†
J	Anti-Rotation Plate	N523-055

Letter	Description	Part Number
K	Electrified Latch	**
M	Strike	10-025
N	Latch Screw	C603-897
P	Mounting Screw	N523-021
Q	Strike Screw	C603-256
S	Cylinder—6-Pin	23-065
GG	AC Rectifier Circuit	C303-439

** For RD (Full Size Interchangeable Core) and GD (SFIC) outside trim configurations, see page 80.*
*** Not sold separately as a part.*
† Chassis part number is for reference only.

ND80EU RX

Storeroom Lock—Electrically Unlocked (Fail Secure) with Request-to-Exit
ND80EUPD RX (shown), ND80EURD RX, ND80EUGD RX

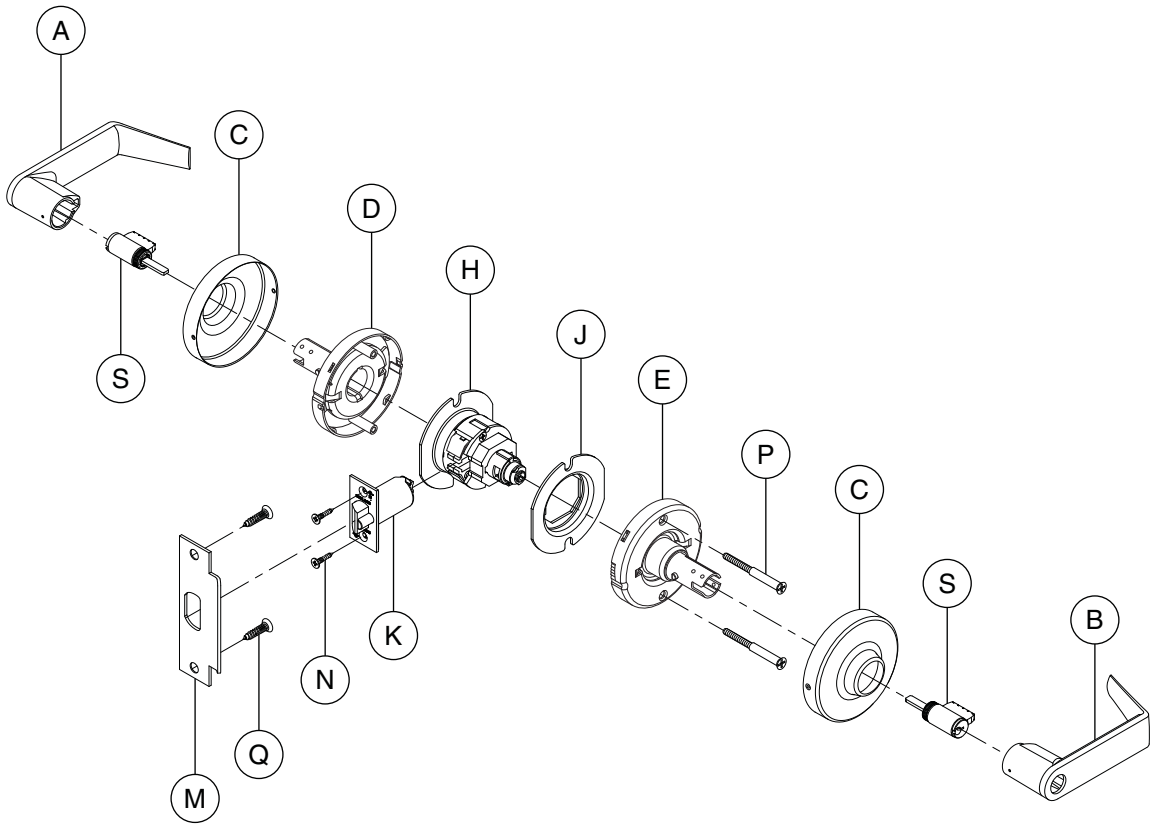


Letter	Description	Part Number
A	Outside Lever—Open	03-031
B	Inside Lever—Closed	03-030
C	Rose	03-042
D	Outside Spring Cage—Standard	N123-022
E	Inside Spring Cage—Standard	N123-032
H	Chassis	63-215†
J	Anti-Rotation Plate	N523-131

Letter	Description	Part Number
K	Electrified Latch	**
M	Strike	10-025
N	Latch Screw	C603-897
P	Mounting Screw	N523-021
Q	Strike Screw	C603-256
S	Cylinder—6-Pin	23-065
GG	AC Rectifier Circuit	C303-439

** For RD (Full Size Interchangeable Core) and GD (SFIC) outside trim configurations, see page 80.*
*** Not sold separately as a part.*
† Chassis part number is for reference only.

ND82
Institution Lock
ND82PD (shown), ND82RD*, ND82GD*

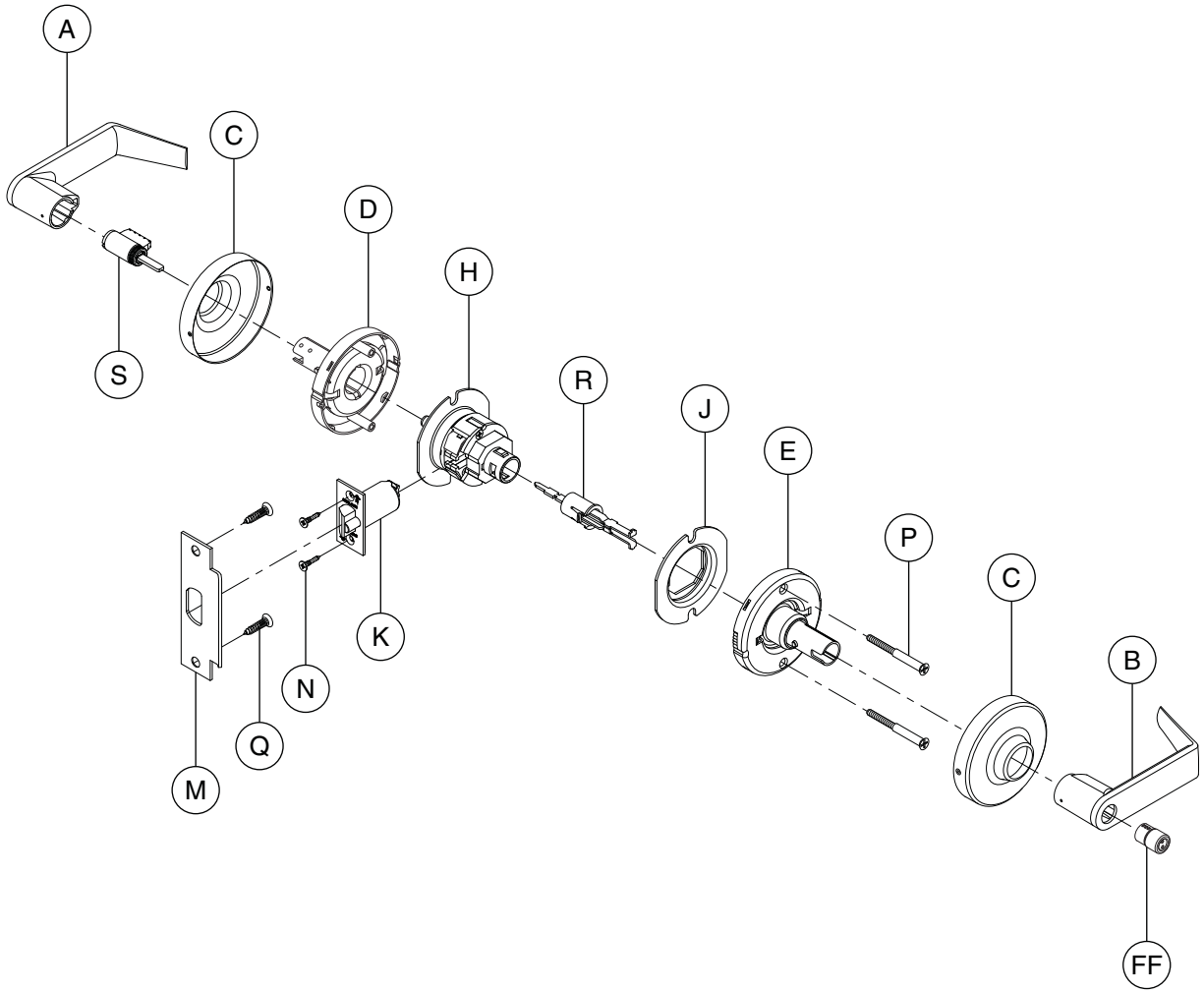


Letter	Description	Part Number
A	Outside Lever—Open	03-031
B	Inside Lever—Open	03-031
C	Rose	03-042
D	Outside Spring Cage—Standard	N123-022
E	Inside Spring Cage—Keyed Inside except SFIC	N123-021
H	Chassis	63-099†
J	Anti-Rotation Plate	N523-055

Letter	Description	Part Number
K	Deadlatch	13-047
M	Strike	10-025
N	Latch Screw	C603-897
P	Mounting Screw	N523-021
Q	Strike Screw	C603-256
S	Cylinder—6 Pin	23-065

** For RD (Full Size Interchangeable Core) and GD (SFIC) outside trim configurations, see page 80.*
† Chassis part number is for reference only.

ND85
Faculty Restroom Lock
ND85PD

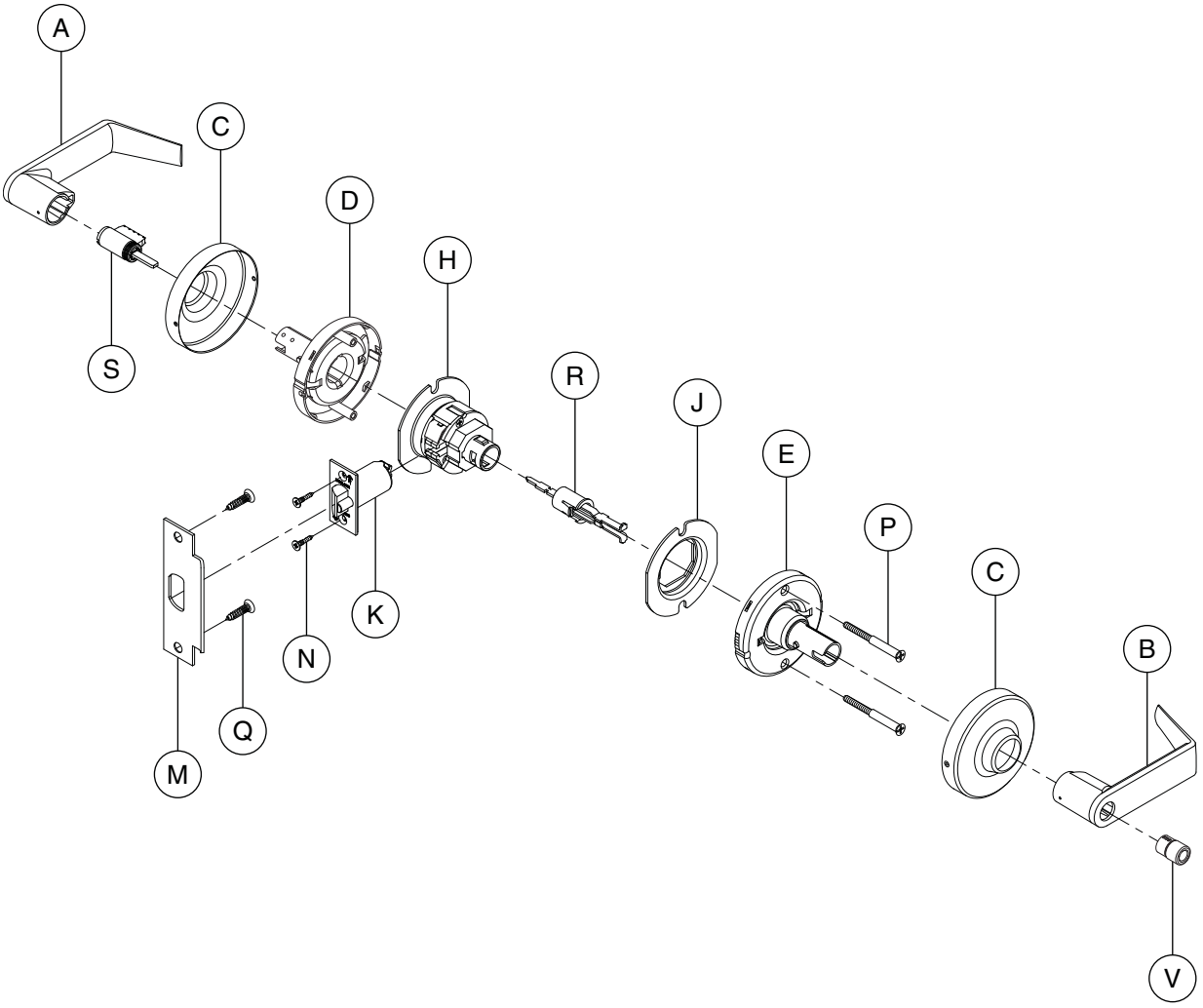


Letter	Description	Part Number
A	Outside Lever—Open	03-031
B	Inside Lever—Open	03-031
C	Rose	03-042
D	Outside Spring Cage—Standard	N123-022
E	Inside Spring Cage—Standard	N123-032
H	Chassis	63-109†
J	Anti-Rotation Plate	N523-055
K	Deadlatch	13-047

Letter	Description	Part Number
M	Strike	10-025
N	Latch Screw	C603-897
P	Mounting Screw	N523-021
Q	Strike Screw	C603-256
R	Plunger—Push and Turn	N123-017
S	Cylinder—6-Pin Indicator	23-003
FF	Push Button with Spanner Access	N523-124

† Chassis part number is for reference only.

ND91
Entrance/Office Lock wtih Vandlgard®
ND91PD (shown), ND91RD*, ND91GD*

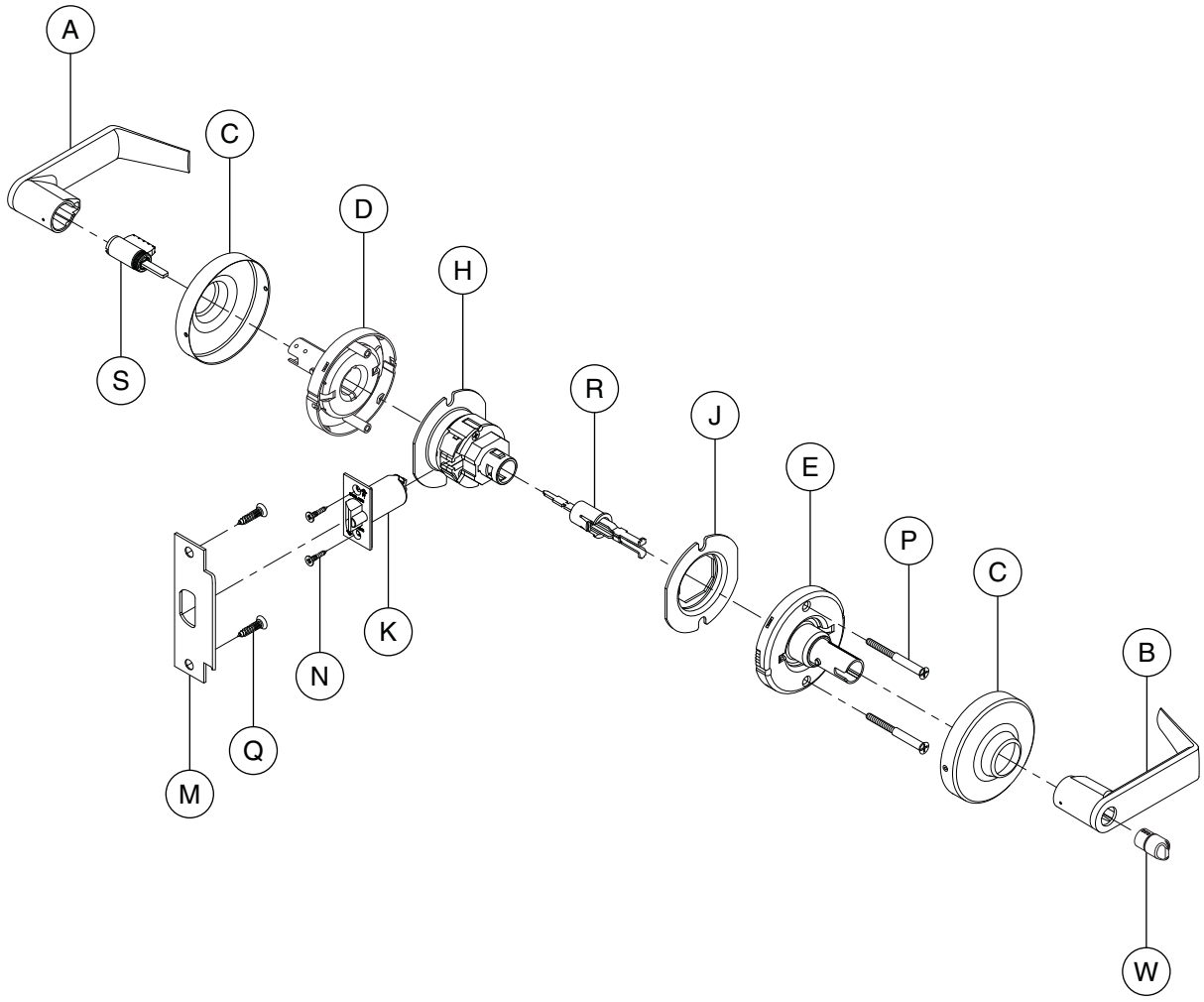


Letter	Description	Part Number
A	Outside Lever—Open	03-031
B	Inside Lever—Open	03-031
C	Rose	03-042
D	Outside Spring Cage—Standard	N123-022
E	Inside Spring Cage—Standard	N123-032
H	Chassis	63-100†
J	Anti-Rotation Plate	N523-055
K	Deadlatch	13-047

Letter	Description	Part Number
M	Strike	10-025
N	Latch Screw	C603-897
P	Mounting Screw	N523-021
Q	Strike Screw	C603-256
R	Plunger—Push Button	N123-028
S	Cylinder—6-Pin	23-065
V	Push Button	N523-000

** For RD (Full Size Interchangeable Core) and GD (SFIC) outside trim configurations, see page 80.*
† Chassis part number is for reference only.

ND92
Entrance Lock with Vandlgard®
ND92PD (shown), ND92RD*, ND92GD*



Letter	Description	Part Number
A	Outside Lever—Open	03-031
B	Inside Lever—Open	03-031
C	Rose	03-042
D	Outside Spring Cage—Standard	N123-022
E	Inside Spring Cage—Standard	N123-032
H	Chassis	63-100†
J	Anti-Rotation Plate	N523-055
K	Deadlatch	13-047

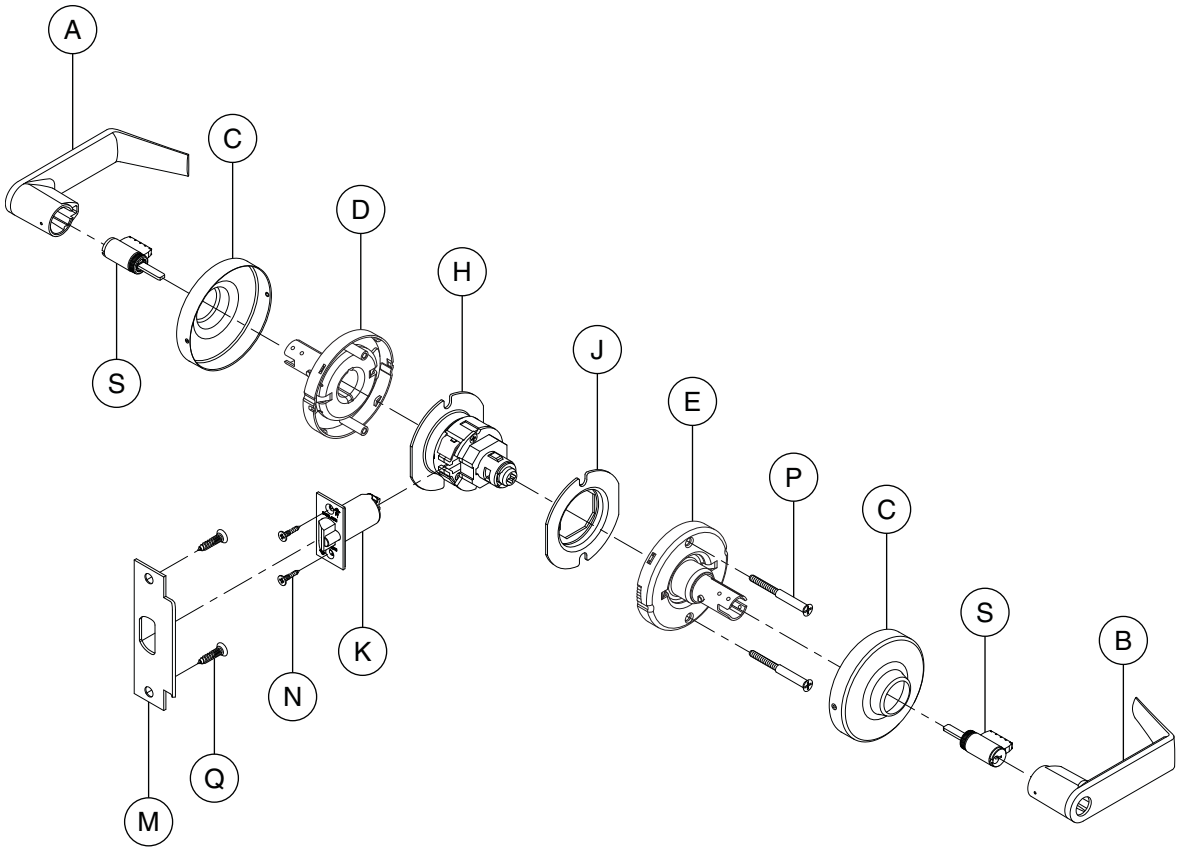
Letter	Description	Part Number
M	Strike	10-025
N	Latch Screw	C603-897
P	Mounting Screw	N523-021
Q	Strike Screw	C603-256
R	Plunger—Push and Turn	N123-017
S	Cylinder—6-Pin	23-065
W	Push and Turn Button	N523-001

** For RD (Full Size Interchangeable Core) and GD (SFIC) outside trim configurations, see page 80.*
† Chassis part number is for reference only.

ND93

Vestibule with Vandlgard®

ND93PD (shown), ND93RD*, ND93GD*

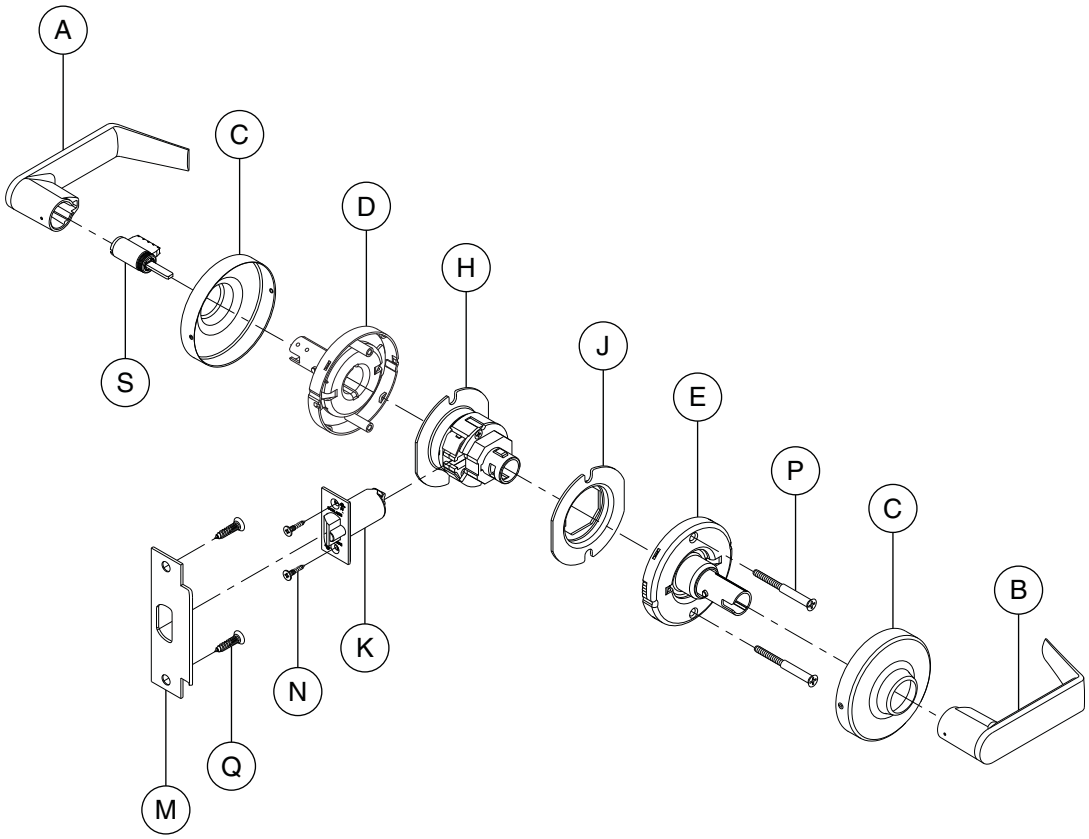


Letter	Description	Part Number
A	Outside Lever—Open	03-031
B	Inside Lever—Open	03-031
C	Rose	03-042
D	Outside Spring Cage—Standard	N123-022
E	Inside Spring Cage—Keyed Inside except SFIC	N123-021
H	Chassis	63-101†
J	Anti-Rotation Plate	N523-055

Letter	Description	Part Number
K	Deadlatch	13-047
M	Strike	10-025
N	Latch Screw	C603-897
P	Mounting Screw	N523-021
Q	Strike Screw	C603-256
S	Cylinder—6-Pin	23-065

† Chassis part number is for reference only.

ND94
Classroom Lock with VandIgard®
ND94PD (shown), ND94RD*, ND94GD*



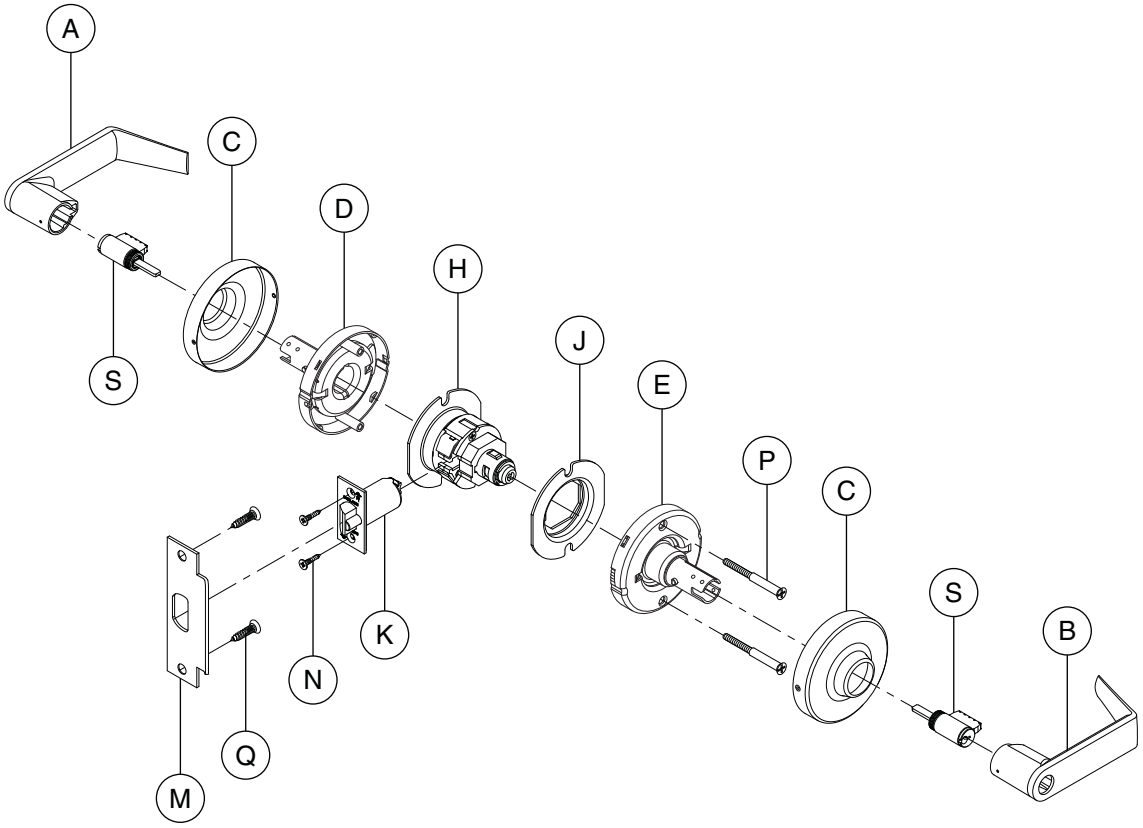
Letter	Description	Part Number
A	Outside Lever—Open	03-031
B	Inside Lever—Closed	03-030
C	Rose	03-042
D	Outside Spring Cage—Standard	N123-022
E	Inside Spring Cage—Standard	N123-032
H	Chassis	63-102†
J	Anti-Rotation Plate	N523-055

Letter	Description	Part Number
K	Dead Latch	13-047
M	Strike	10-025
N	Latch Screw	C603-897
P	Mounting Screw	N523-021
Q	Strike Screw	C603-256
S	Cylinder—6-Pin	23-065

** For RD (Full Size Interchangeable Core) and GD (SFIC) outside trim configurations, see page 80.*
† Chassis part number is for reference only.

ND95

Classroom Security Lock with Vandlgard®
ND95PD (shown), ND95RD*, ND95GD*

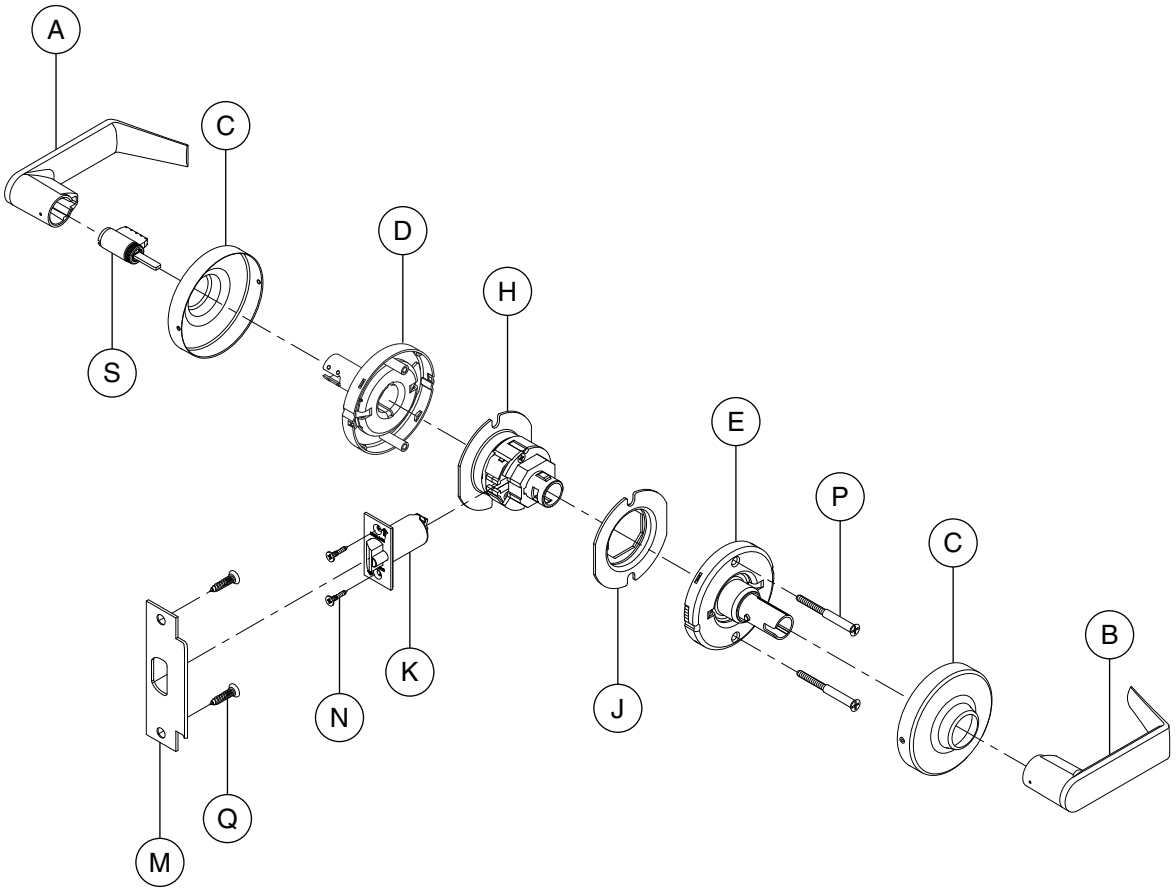


Letter	Description	Part Number
A	Outside Lever—Open	03-031
B	Inside Lever—Open	03-031
C	Rose	03-042
D	Outside Spring Cage—Standard	N123-022
E	Inside Spring Cage—Keyed Inside except SFIC	N123-021
H	Chassis	63-006†
J	Anti-Rotation Plate	N523-055

Letter	Description	Part Number
K	Deadlatch	13-047
M	Strike	10-025
N	Latch Screw	C603-897
P	Mounting Screw	N523-021
Q	Strike Screw	C603-256
S	Cylinder—6-Pin	23-065

** For RD (Full Size Interchangeable Core) and GD (SFIC) outside trim configurations, see page 80.*
† Chassis part number is for reference only.

ND96
Storeroom Lock with Vandlgard®
ND96PD (shown), ND96RD*, ND96GD*



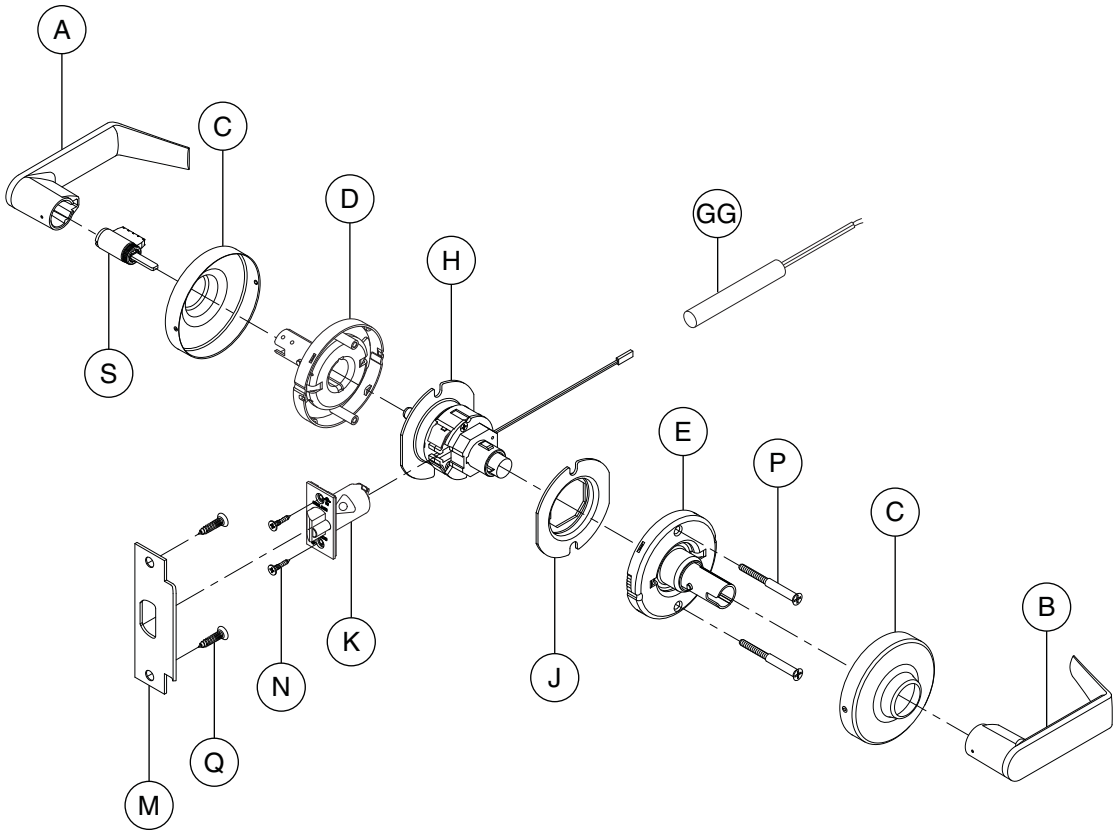
Letter	Description	Part Number
A	Outside Lever—Open	03-031
B	Inside Lever—Closed	03-030
C	Rose	03-042
D	Outside Spring Cage—Standard	N123-022
E	Inside Spring Cage—Standard	N123-032
H	Chassis	63-103†
J	Anti-Rotation Plate	N523-055

Letter	Description	Part Number
K	Deadlatch	13-047
M	Strike	10-025
N	Latch Screw	C603-897
P	Mounting Screw	N523-021
Q	Strike Screw	C603-256
S	Cylinder—6-Pin	23-065

** For RD (Full Size Interchangeable Core) and GD (SFIC) outside trim configurations, see page 80.*
† Chassis part number is for reference only.

ND96EL

Storeroom Lock with Vandlgard®—Electrically Locked (Fail Safe)
ND96ELPD (shown), ND96ELRD*, ND96ELGD*



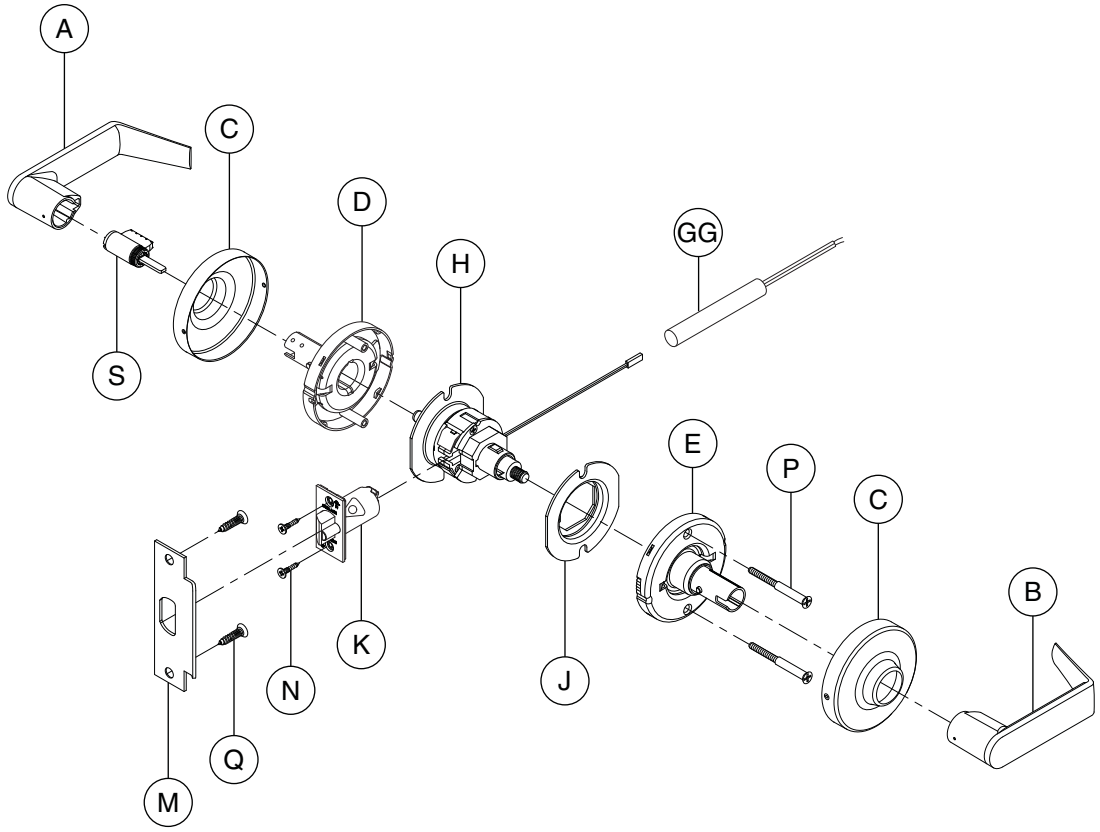
Letter	Description	Part Number
A	Outside Lever—Open	03-031
B	Inside Lever—Closed	03-030
C	Rose	03-042
D	Outside Spring Cage—Standard	N123-022
E	Inside Spring Cage—Standard	N123-032
H	Chassis	63-108†
J	Anti-Rotation Plate	N523-055

Letter	Description	Part Number
K	Electrified Latch	**
M	Strike	10-025
N	Latch Screw	C603-897
P	Mounting Screw	N523-021
Q	Strike Screw	C603-256
S	Cylinder—6-Pin	23-065
GG	AC Rectifier Circuit	C303-439

** For RD (Full Size Interchangeable Core) and GD (SFIC) outside trim configurations, see page 80.*
*** Not sold separately as a part.*
† Chassis part number is for reference only.

ND96EU

Storeroom Lock with Vandlgard®—Electrically Unlocked (Fail Secure)
ND96EUPD (shown), ND96EURD*, ND96EUGD*

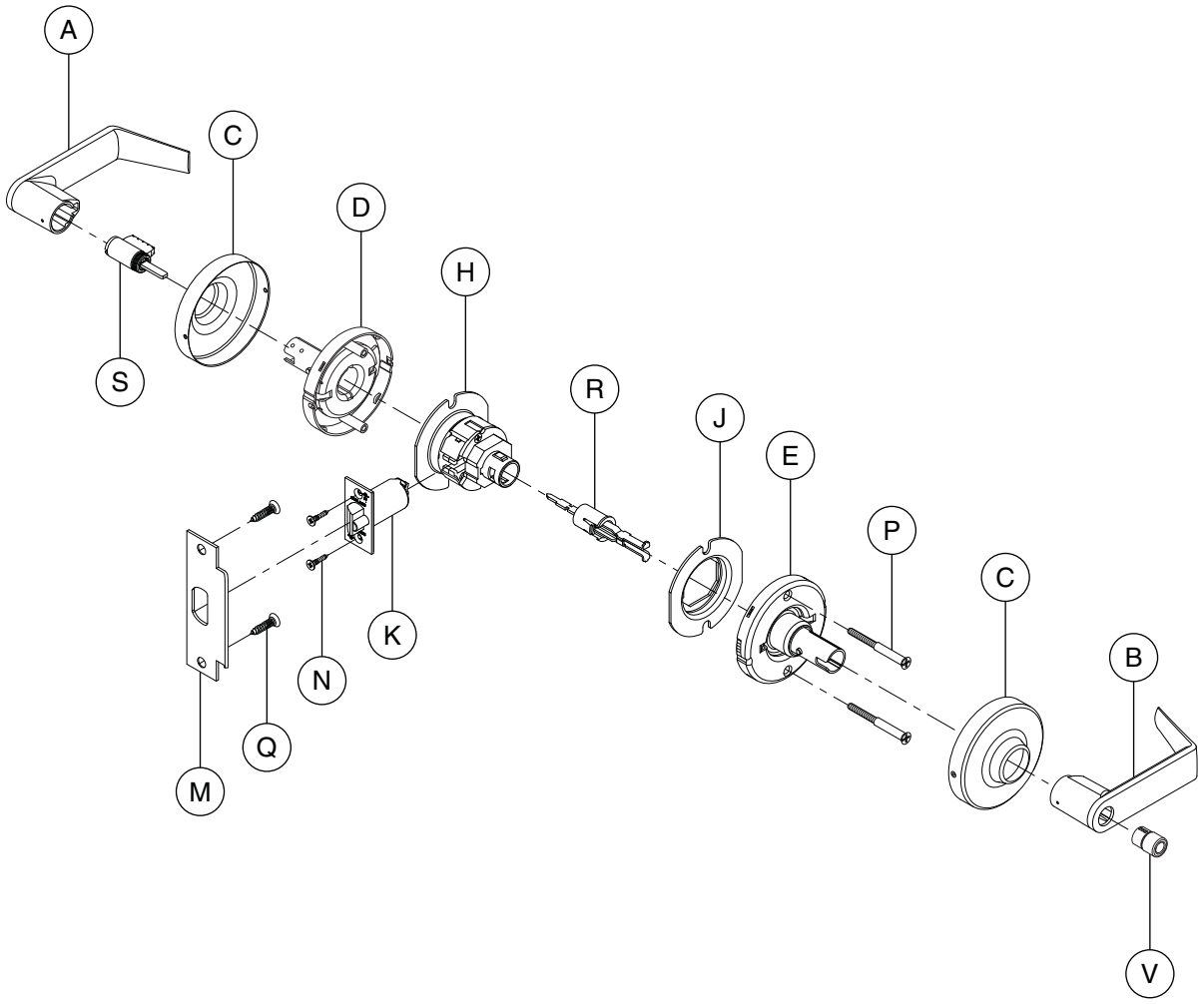


Letter	Description	Part Number
A	Outside Lever—Open	03-031
B	Inside Lever—Closed	03-030
C	Rose	03-042
D	Outside Spring Cage—Standard	N123-022
E	Inside Spring Cage—Standard	N123-032
H	Chassis	63-107†
J	Anti-Rotation Plate	N523-055

Letter	Description	Part Number
K	Electrified Latch	**
M	Strike	10-025
N	Latch Screw	C603-897
P	Mounting Screw	N523-021
Q	Strike Screw	C603-256
S	Cylinder—6-Pin	23-065
GG	AC Rectifier Circuit	C303-439

** For RD (Full Size Interchangeable Core) and GD (SFIC) outside trim configurations, see page 80.*
*** Not sold separately as a part.*
† Chassis part number is for reference only.

ND97
Corridor Lock with Vandlgard®
ND97PD (shown), ND97RD*, ND97GD*



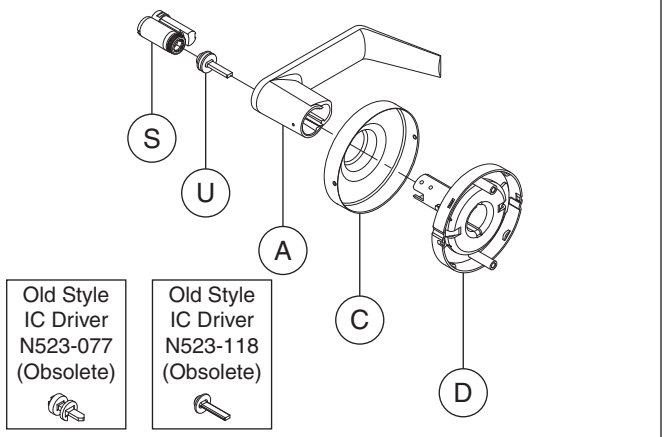
Letter	Description	Part Number
A	Outside Lever—Open	03-031
B	Inside Lever—Open	03-031
C	Rose	03-042
D	Outside Spring Cage—Standard	N123-022
E	Inside Spring Cage—Standard	N123-032
H	Chassis	63-007†
J	Anti-Rotation Plate	N523-055
K	Deadlatch	13-047

Letter	Description	Part Number
M	Strike	10-025
N	Latch Screw	C603-897
P	Mounting Screw	N523-021
Q	Strike Screw	C603-256
R	Plunger—Push Button	N123-028
S	Cylinder—6-Pin	23-065
V	Push Button	N523-000

** For RD (Full Size Interchangeable Core) and GD (SFIC) outside trim configurations, see page 80.*
† Chassis part number is for reference only.

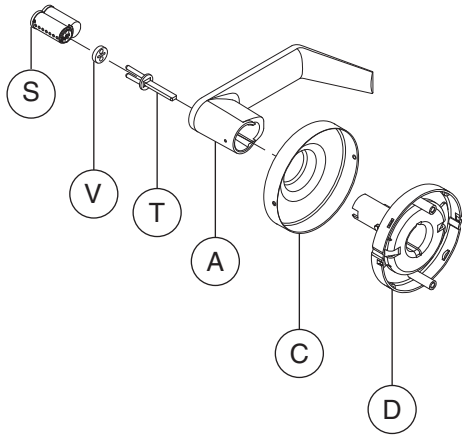
Full Size IC and SFIC (Small Format Interchangeable Core) Configurations

Full Size IC—Outside



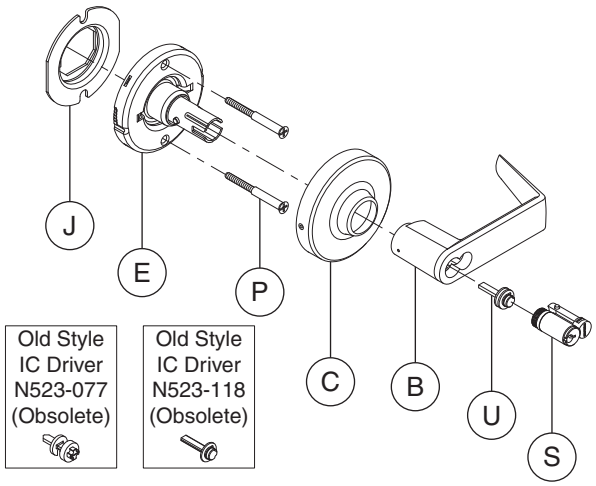
Letter	Description	Part Number
A	Outside Lever—Full Size IC	03-032
C	Rose	03-042
D	Outside Spring Cage—Standard	N123-022
S	Cylinder—Full Size IC	23-030
U	IC Driver	N523-127

SFIC—Outside



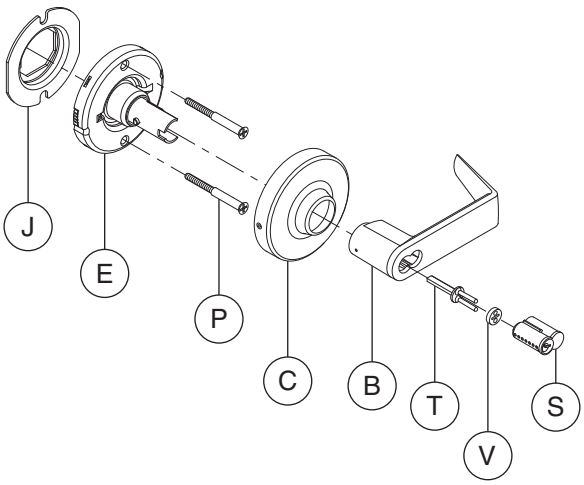
Letter	Description	Part Number
A	Outside Lever—SFIC	03-000
C	Rose	03-042
D	Outside Spring Cage—SFIC	N123-056
S	Cylinder—SFIC	80-037
T	SFIC Driver	N523-091
V	Small Format IC Spacer (6-pin only)	D500-000

Full Size IC—Inside



Letter	Description	Part Number
B	Inside Lever—Full Size IC	03-032
C	Rose	03-042
E	Inside Spring Cage—Keyed Inside Except SFIC	N123-021
J	Anti-Rotation Plate	N523-055
P	Mounting Screw	N523-021
S	Cylinder—Full Size IC	23-030
U	IC Driver	N523-127

SFIC—Inside

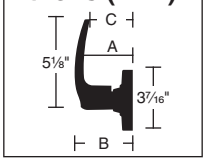
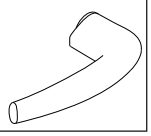
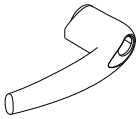
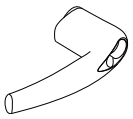
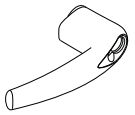
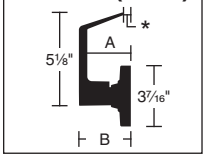
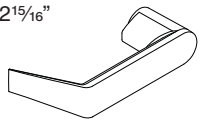
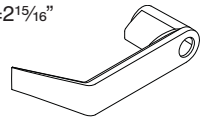
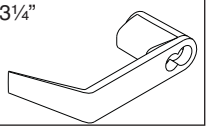
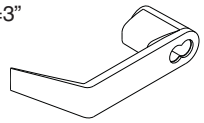
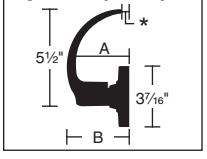
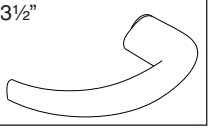
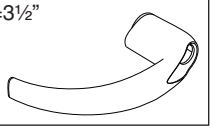
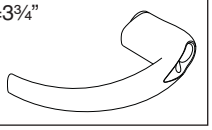
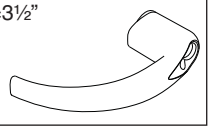
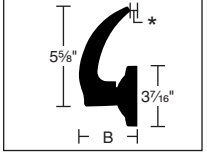
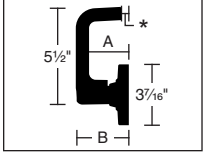
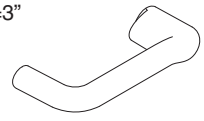
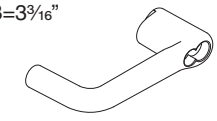
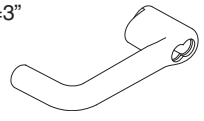


Letter	Description	Part Number
B	Inside Lever—SFIC	03-000
C	Rose	03-042
E	Inside Spring Cage—SFIC	N123-057
J	Anti-Rotation Plate	N523-055
P	Mounting Screw	N523-021
S	Cylinder—SFIC	80-037
T	SFIC Driver	N523-091
V	Small Format Core Spacer (6-pin only)	D500-000

Ingersoll Rand Security Technologies

Lever Designs

All lever designs are available in finishes 605, 606, 612, 613, 619, 625, 626 and 626AM.

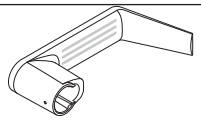
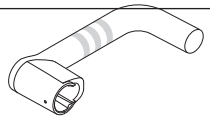
	Closed Levers	Open Levers	Interchangeable Core Levers**	SFIC Levers
Athens (ATH) 	03-030 ATH A=2¾” B=3⅝16” C=2½” 	03-031 ATH A=2¾” B=3⅝16” C=2½” 	03-032 ATH A=3” B=3½” C=2¹¹⁄16” 	03-000 ATH A=2⅞” B=3⅜” C=2½” 
Rhodes (RHO) 	03-030 RHO A=2⅞16” B=2¹⁵⁄16” 	03-031 RHO A=2⅞16” B=2¹⁵⁄16” 	03-032 RHO A=2¾” B=3¼” 	03-000 RHO A=2½” B=3” 
Sparta (SPA) 	03-030 SPA A=3” B=3½” 	03-031 SPA A=3” B=3½” 	03-032 SPA A=3¼” B=3¾” 	03-000 SPA A=3” B=3½” 
Omega (OME) 	03-030 OME B=3⅝16”	03-031 OME B=3⅝16”	03-032 OME B=3½”	03-000 OME B=3⅜”
Tubular (TLR) 	03-030 TLR A=2¼” B=3” 	03-031 TLR A=2¼” B=3”	03-032 TLR A=2½” B=3¾16” 	03-000 TLR A=2¼” B=3” 

* *Meets California Fire Code for ½” or less return to the door.*

** *Lever sizes for Competitor Cylinder Options (see page 82). Not available on Omega lever style.*

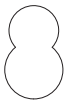
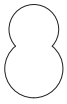
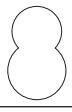
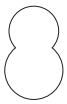
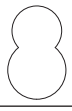
Tactile Warning

(not available on Omega levers)

Rhodes lever shown	Tubular lever shown	Preface Design Code for Tactile Warning Levers			
		Athens	Rhodes	Sparta	Tubular
		8AT	8RH	8SP	8TR

Competitor Cylinder Options

Competitor lever designs are available in finishes 613, 626 and 626AM.
Tactile warning is available. See page 81 for details.

Cylinder	Order Suffix	Description	Lever Design			
			Athens	Rhodes	Sparta	Tubular
	LD SAR	Sargent Key In Lever	03-044-ATH	03-044-RHO	03-044-SPA	03-044-TLR
	JD SAR	Sargent Full Size Interchangeable Core Cylinder	03-077-ATH	03-077-RHO	03-077-SPA	03-077-TLR
	JD CO6	Corbin Russwin Full Size Interchangeable Core 6 Pin Cylinder	03-066-ATH	03-066-RHO	03-066-SPA	03-066-TLR
	JD YA6	Yale Full Size Interchangeable Core 6 Pin Cylinder	03-055-ATH	03-055-RHO	03-055-RHO	03-055-TLR
	JD CO7	Corbin Russwin Full Size Interchangeable Core 7 Pin Cylinder	UNDER DEVELOPMENT			
	LD CO6	Corbin Russwin Key in Lever 6 Pin Cylinder				
	JD YA7	Yale Full Size Interchangeable Core 7 Pin Cylinder				

Spring Cages and Tailpieces for Competitor Cylinder Options

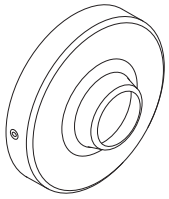
Available on single cylinder functions ND50D, ND53D, ND70D, ND73D, ND80D, ND80EL/EU & RX, ND91D, ND92D, ND94D, ND96D, ND96DEL/EU & RX, ND97D, and double cylinder functions ND60D, ND66D, ND75D, ND82D, ND93D and ND95D.

Order Suffix	Description	Spring Cage		Cylinder Tailpiece
		Outside	Inside (Double Cylinder Application)	
LD SAR	Sargent Key In Lever	N123-064	N123-067	N523-146
JD SAR	Sargent Full Size Interchangeable Core Cylinder	N123-066	N123-069	N523-148
JD CO6	Corbin Russwin Full Size Interchangeable Core 6 Pin Cylinder			
JD YA6	Yale Full Size Interchangeable Core 6 Pin Cylinder	N123-065	N123-068	N523-147
JD CO7	Corbin Russwin Full Size Interchangeable Core 7 Pin Cylinder	UNDER DEVELOPMENT		
LD CO6	Corbin Russwin Key in Lever 6 Pin Cylinder			
JD YA7	Yale Full Size Interchangeable Core 7 Pin Cylinder			

Roses

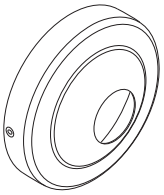
Inside/Outside Rose—03-042 RHO
Standard inside/outside rose for use with ATH, SPA or RHO levers.
Size: 3 7/16" dia.

Available in 605, 606, 612, 613, 619, 625, 626.



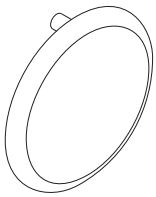
Omega Inside/Outside Rose—03-042 OME
Standard inside/outside rose for use with OME levers.
Size: 3 7/16" dia.

Available in 605, 606, 612, 613, 619, 625, 626.

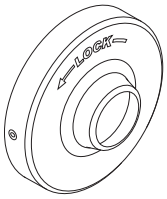


Blank Outside Rose—N523-002
Outside blank plate for use with ND25, ND25x70 and ND25x80.
Size: 3½" dia.

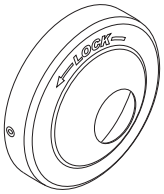
Available in 605, 606, 612, 613, 619, 625, 626.



Engraved Inside Rose (Rhodes) XN12-035
Inside rose engraved with "LOCK". For use with classroom security function locks with ATH, SPA or RHO levers.
Size: 3 7/16" dia.
Available in 626 only.



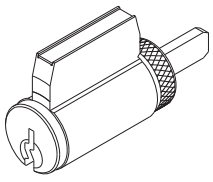
Engraved Inside Rose (Omega) XN12-045
Inside rose engraved with "LOCK". For use with classroom security function locks with OME levers.
Size: 3 7/16" dia.
Available in 626 only.



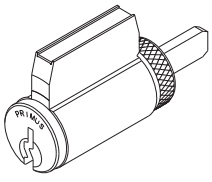
Cylinders

Standard

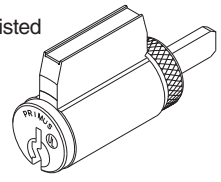
Conventional Classic or Everest
23-065



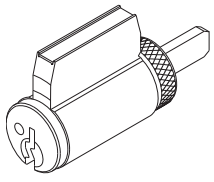
Primus® Controlled Access
20-765



Primus® High Security
23-565
UL 437 Listed

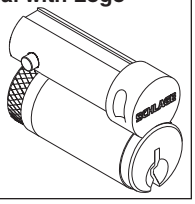


Indicator
23-000

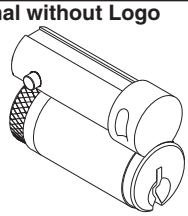


Full Size Interchangeable Cores

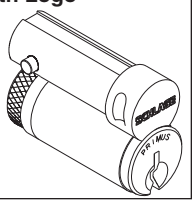
Conventional with Logo
Classic or Everest
23-030



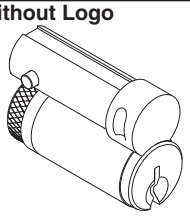
Conventional without Logo
Classic or Everest
23-031



Primus® with Logo
20-740

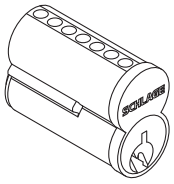


Primus® without Logo
20-741

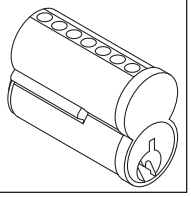


Small Format Interchangeable Cores

Everest® Combinated
80-037
Also available uncombinated (80-036).



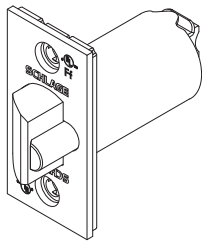
Best® Keyway 7-Pin Uncombinated
80-033
Also available in 6-pin uncombinated (80-043).



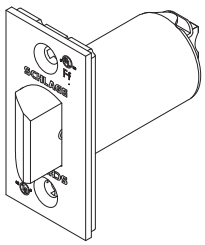
Latches

All ND-Series latches have 1” diameter housing and adjustable faceplates for flat or beveled doors.

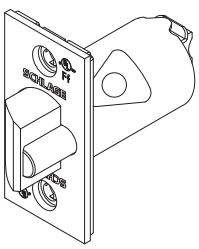
Deadlatch
13-047



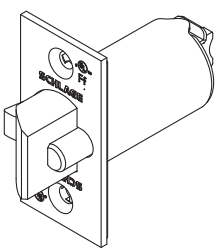
Springlatch
13-048



Electrified Deadlatch
13-049



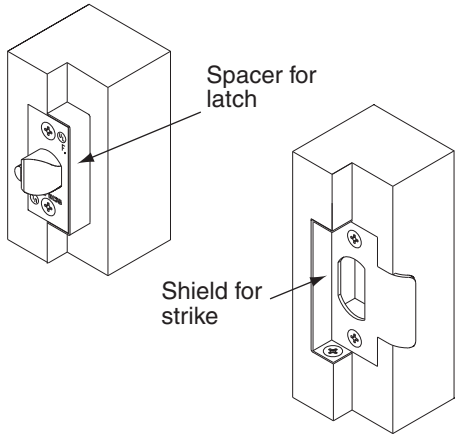
Fire Door Deadlatch
14-042



Backset	Description	Springlatch	Deadlatch
2⅜”	Square corner, 1⅛” x 2¼”	—	14-047
	Square corner, 1” x 2¼”	—	14-048
2¾”	Square corner, 1⅛” x 2¼”, standard	13-048	13-047
2¾”	Square corner, electrified latch, 1⅛” x 2¼”	—	13-049
2¾”	Anti-friction fire door latch	—	14-042
	Square corner, 1⅛” x 2¼”, ¾” throw		
3¾”	Square corner, 1⅛” x 2¼”	14-010	14-028
5”	Backset extension link	—	43-005**
—	Rabbeted latch and strike kit, 605 and 626 only	39-030*	

** This kit adapts square corner latch and 2¾” high square corner strike to ½” rabbeted door and frame preparations.*
*** Can only be used with 2¾” backset latch.*

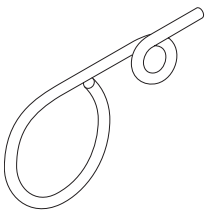
Rabbeted Deadlatch and Strike Kit
39-030



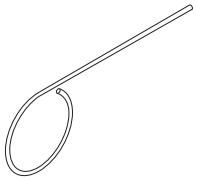
Installation Tools and Kits

Boring jigs and tools are designed to provide fast and accurate lock installation. Complete kits or individual tools can be ordered for preparing doors and jambs for Schlage products.

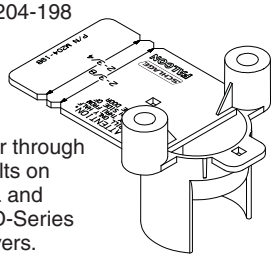
Pin Wrench
N523-108



Old Style Pin Wrench
M504-271

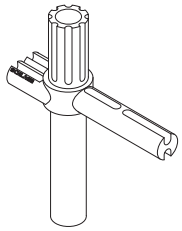


Drill Fixture
M204-198



For through bolts on AL and ND-Series levers.

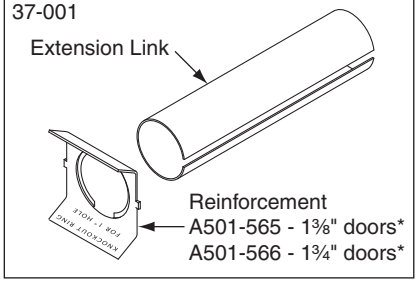
Adjustment Tool for Interchangeable Cylinders
M504-413



Reinforcement Kit

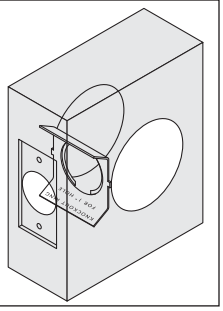
The Schlage 37-001 reinforcement kit is used to reinforce and prevent the collapse of hollow metal doors when locksets are mounted. This kit should be used for installation in hollow metal doors to prevent lateral movement of the latch bolt. Extension link also included for installations with long backsets. Specify door thickness 1⅜" or 1¾" when ordering.

Reinforcement Kit
37-001



**Parts may be ordered separately.*

Placement of reinforcement in hollow metal door.



40-147 Installation Kit

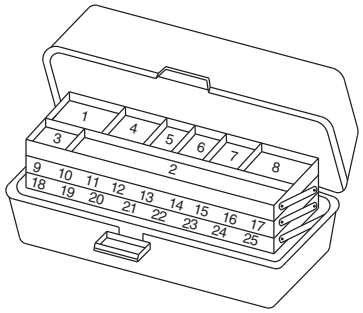
Installation kit for Locksets and Deadbolts. Adjustable for 2⅜" and 2¾" backsets. Removable bushing adaptor for ⅞" latch hole. For door thickness 1⅜" to 2⅛".

Number	Description
40-015	⅞" Bit
40-029	Full Lip Strike Chisel
40-030	1⅛" x 2¾" Latch Chisel
40-031	1" x 2¼" Latch Chisel
40-032	1⅛" x 2¼" Latch Chisel
40-035	⅞" Strike Locator

Number	Description
40-148	Installation Jig
40-175	1" Bit
40-176	2⅛" Multi Spur Bit
40-177	1½" Multi Spur Bit
40-178	Quick Change Bit Adapter
M504-497	Case

40-097 Maintenance Kit

Designed for ND-Series Lever Locks. Contains plunger sleeves, screw packs in various finishes, slide catches and other service parts listed below.



Part Number	Description	Qty	Slot Number
N523-055	Plate, Anti-Rotation	2	1
D500-000	Spacer, SFIC	5	2
N523-020	Cylinder	3	2
N523-091	Driver, SFIC	5	2
N523-127	Driver, IC	5	2
N523-024	Slide	2	4
N523-025	Clip, Slide	2	4
N523-021	Screw, Mounting	4	5
N523-092	Screw, Machine Oval Head	4	5
C604-187	Catch, Slide	2	6
C604-188	Catch, Slide	2	6
N523-084	Bar, Key	2	7
N523-054	Plate, Adjustment	2	8
N123-007	Keycam Assembly	2	9
N123-008	Keycam Assembly	2	10

Part Number	Description	Qty	Slot Number
N123-009	Keycam Assembly	2	11
N123-010	Keycam Assembly	2	12
N123-011	Keycam Assembly	2	13
N123-012	Keycam Assembly	2	13
N123-013	Keycam Assembly	2	14
M504-341	Spanner Wrench	3	15
N123-028	Plunger Assembly	3	16
N123-017	Plunger Assembly	3	17
N523-056	Spindle, Inside	2	18
N523-013	Spindle, Outside	2	19
N523-019	Spindle, Outside, Electrified	2	20
N123-020	Package, Screw	2	21
N123-040	Package, Screw	2	22
N523-015	Hub, Inside	2	23
N523-016	Hub Inside	2	24
N523-014	Housing, Outside	2	25
63-104	Spring Cage Assembly, Dummy	1	Bottom
M504-413	Installation Tool	1	Bottom
N123-021	Spring Cage Assembly, Inside	1	Bottom
N123-022	Spring Cage Assembly, Outside	1	Bottom
N123-032	Spring Cage Assembly, Inside	1	Bottom
N123-043	Spring Cage Assembly, Outside	1	Bottom
N123-056	Spring Cage Assy, SFIC, O/S	1	Bottom
N123-057	Spring Cage Assy, SFIC, I/S	1	Bottom
P515-181	Component Sheet	1	—

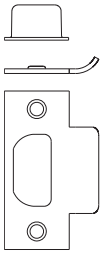
Strikes

Square Corner T-Strike—10-013
Size:
1⅛" x 2¾" x 3⁄32"

Lip Length:
1⅛", 1½"

Includes C603-623 strike box.

Available in: 605, 606, 612, 613, 619, 625, 626

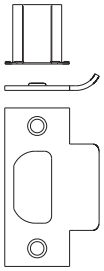


Square Corner Fire Door T-Strike—10-016
Size:
1⅛" x 2¾" x 3⁄32"

Lip Length:
1⅛", 1½"

Includes B502-853 strike box.

Available in: 605, 606, 612, 613, 619, 625, 626

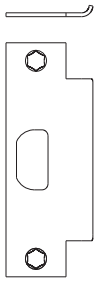


ANSI Prep. A115.2—10-025
Size:
1⅛" x 4⅞" x 3⁄32"

Lip Length:
1³⁄16" (std.), 1⅜"

If required, K510-066 strike must be ordered separately.

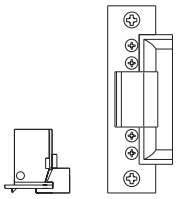
Available in: 605, 606, 612, 613, 619, 625, 626



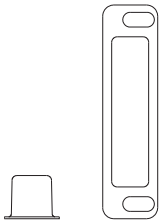
Electric Strike—10-042
Size:
1¼" x 4⅞"

AC 24 Volt
DC 12 Volt

Available in: 606 and 626 only



ANSI Plastic Strike Box—K510-066

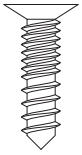


Screws, Screw Packs and Special Parts

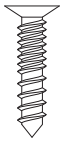
Screws

Part Number	Description	Door Thickness	Type	Size
A501-171	ND170, washer	—	Washer	—
N523-092	ND170, mounting screw	1½" - 2"	POH Machine	¼" 20 x 2½"
C603-256	ANSI strike screw	—	PFH Combo	12-24 x 1"
C603-897	Latch and strike	—	PFH Combo	#8 x ¾"
N523-021	Spring cage screws	1⅜" - 2"	PFH Machine	#8 x 32 x 2⅛"
N583-133	ND170, Spring cage screws	—	PFH Combo	#8 x 1"

ANSI Strike Screw
C603-256



Latch and Strike Screw
C603-897



Screw Packs, Standard

Part Number	Description	Contents
B202-517	Latch and strike	(4) C603-897
N123-020	Mounting, all except ND170	(4) C603-897
		(2) C603-256
		(2) N523-021
		(1) M504-271
N123-040	Mounting, ND170	(2) L583-133
		(1) N523-092
		(1) A501-171
		(1) M504-271
C203-736	ANSI Strike	(2) C603-256

Screw Packs, Torx®

C203-311*	Latch and strike	(4) C503-766 (T-15)
C203-312*	Latch and ANSI strike	(2) C503-766 (T-15)
		(2) L583-371 (T-20)

** Tool included.*

Special Parts

Part Number	Description
XQ02-309*	10-013 Strike, ⅞" flat lip
XQ03-494*	10-013 Strike, 1⅝" - 6" lip
	10-013 Strike, 6⅛" - 12" lip
XQ07-351*	10-025 Strike, ⅞" flat lip
	10-025 Strike, lips through 6" (except ⅞", 1³⁄16" and 1⅜")
XC03-069	Extension links, backsets over 5" - 42"
XN12-012**	Chassis spacer for 1⅜" door (2 required)

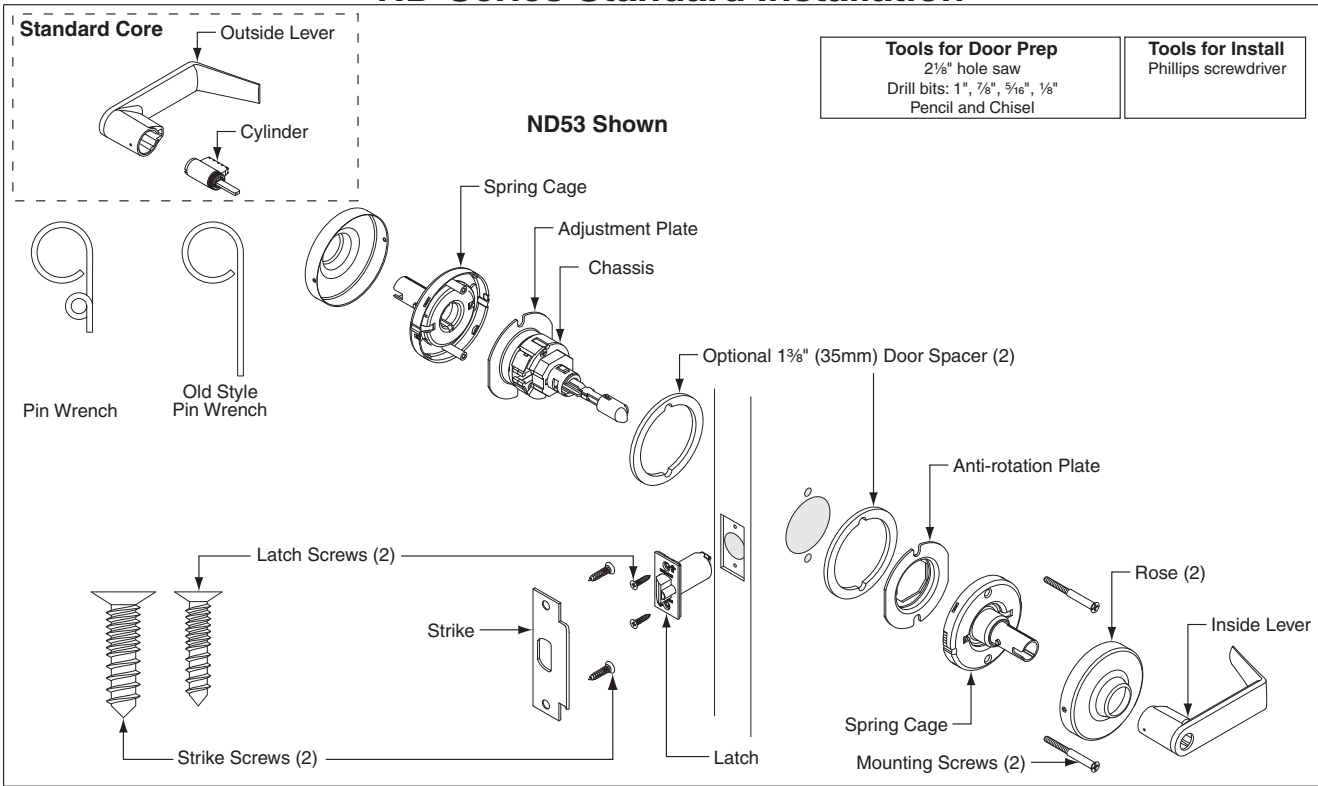
**Specify lip length.*
***Specify finish.*

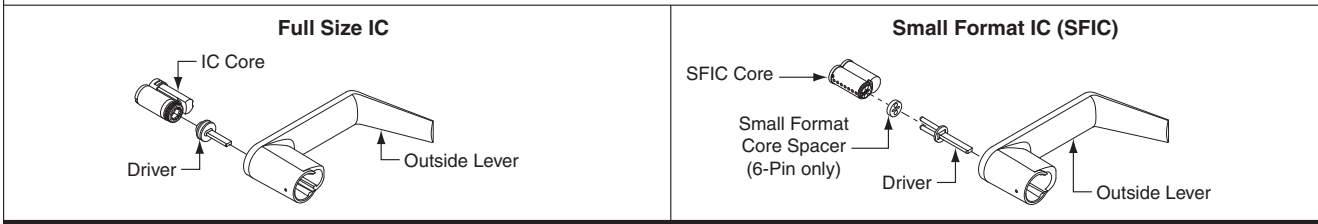
1⅜" Chassis Spacer
XN12-012**

Emergency Key, ND40
35-250

P515-167

ND-Series Standard Installation

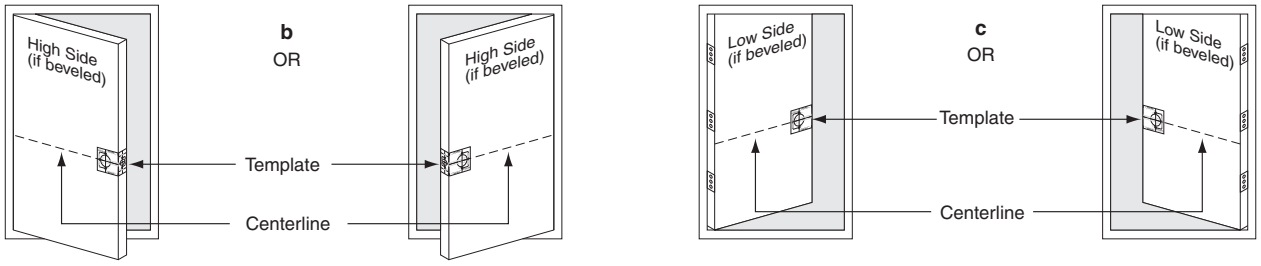




Door Preparation

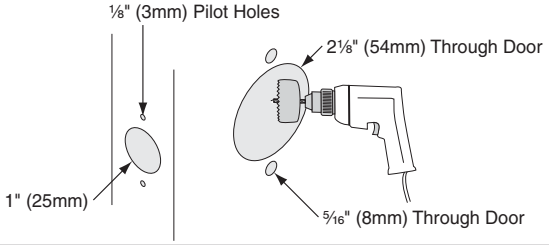
A. Mark Centerline and Trim Drill Points

a. Mark centerline on both door faces and door edge. (ANSI/DHI 115.2 suggested height is 40⅝" (102.4cm) from floor.)
b. Stand so door swings towards you. Fold and mark template as shown.
c. Stand so door swings away from you. Fold and mark template as shown.



B. Drill Trim Holes

Drill holes in door face from both sides of door to avoid splintering wood.



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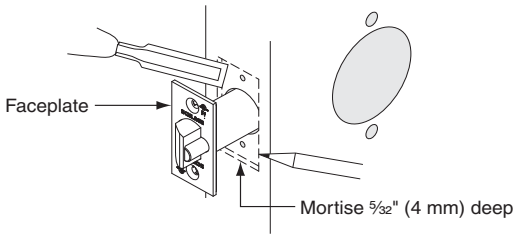
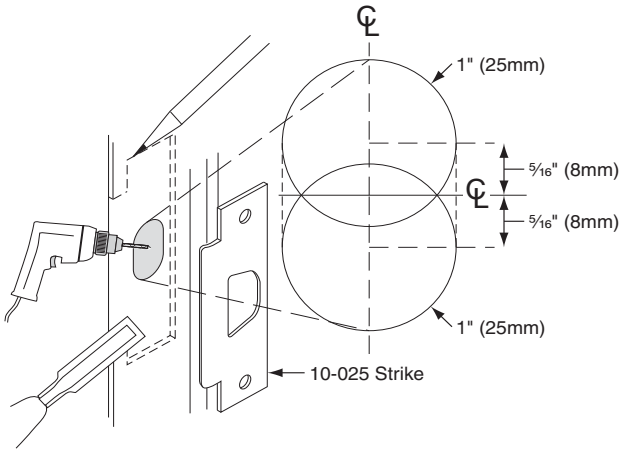
C. Mortise Cutout for Latch

Using faceplate as a pattern, mortise cutout for latch. (Faceplate should fit flush with door.)



D. Prepare Door Jamb

a. Mark vertical line and centerline on door jamb exactly opposite center of latch hole.
b. Drill holes as shown.
c. Mortise a cutout for strike. Use strike as a pattern for mortise. (Strike should fit flush with door jamb.)

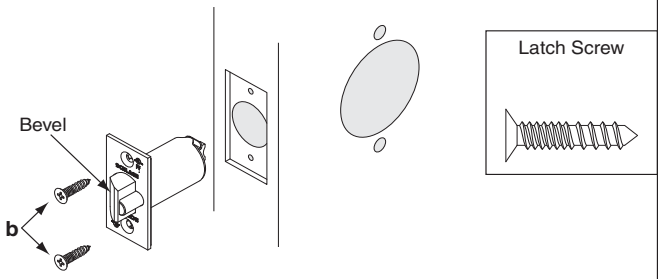


Lock Installation

1

Install Latch

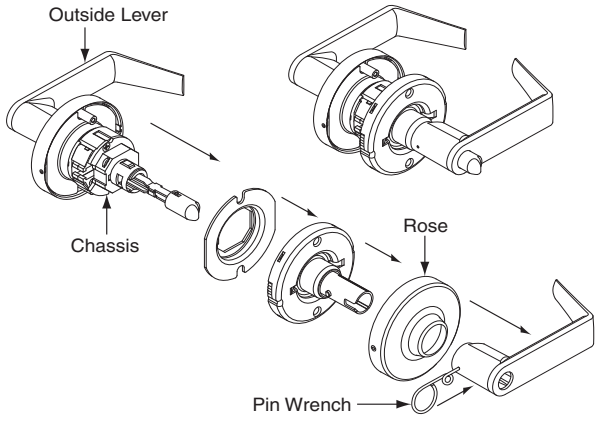
a. Slide latch into hole with beveled side of latch toward door jamb.
b. Secure latch with two (2) latch screws.



2

Remove Assembly From Box

a. Leave outside lever and chassis together.
b. Remove inside lever by inserting pin wrench into hole and depressing lever catch. Pull lever straight off. (For keyed levers, see KEYED LEVER section.)
c. Remove inside trim parts as shown. (Rose may already be removed.)

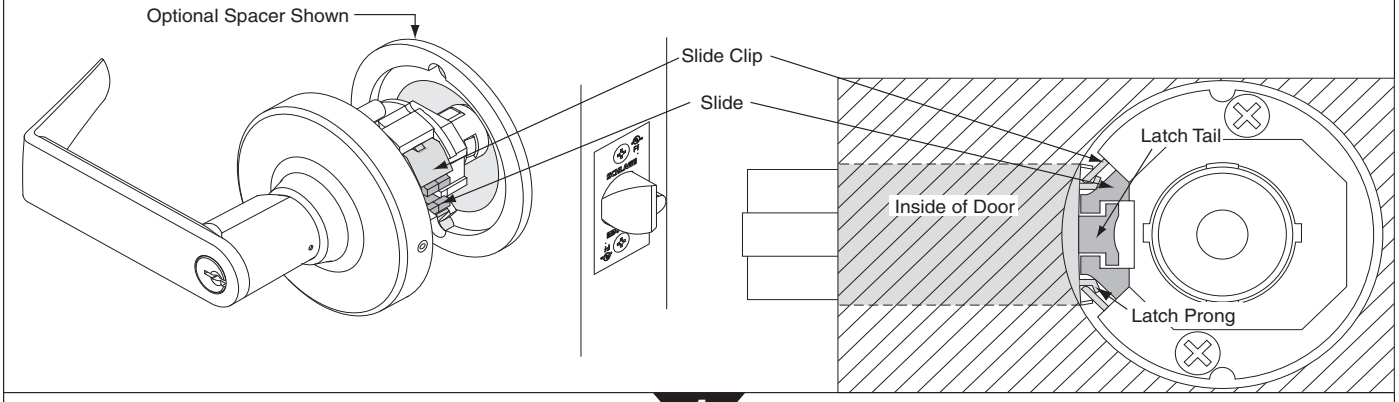


3

Install Outside Lever and Chassis

NOTE: Chassis is factory set for 1¾" (44mm) door. For other door thicknesses, see DOOR THICKNESS ADJUSTMENT section. Hold outside lever assembly in place until Step 5 is complete.

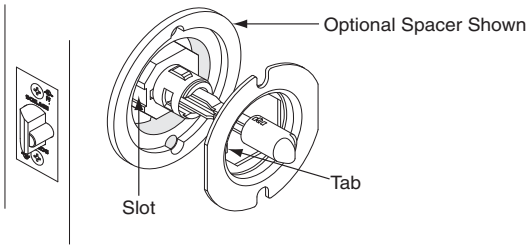
a. FOR 1⅜" (35MM) THICK DOOR ONLY: Place spacer against door as shown.
b. Insert lever and chassis into cross bore.
c. Latch prongs should fit between slide and slide clip. Latch tail should fit inside slide.



4

Install Anti-Rotation Plate

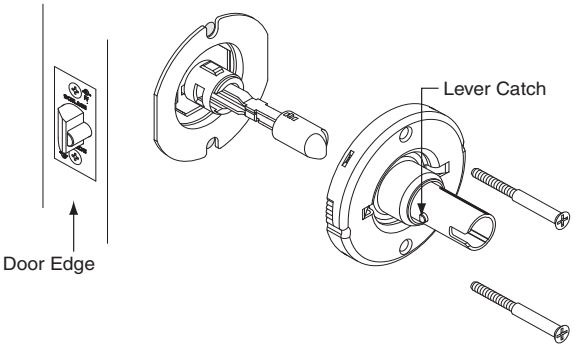
a. FOR 1⅜" (35MM) THICK DOOR ONLY: Place spacer against door as shown.
b. Align tab on plate with slot in chassis.
c. Slide plate over chassis and into cross bore as shown.



5

Install Inside Spring Cage Assembly

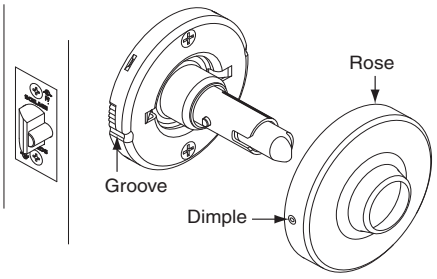
a. Lever catch should point towards the door edge.
b. Secure with two (2) mounting screws.



6

Install Inside Rose

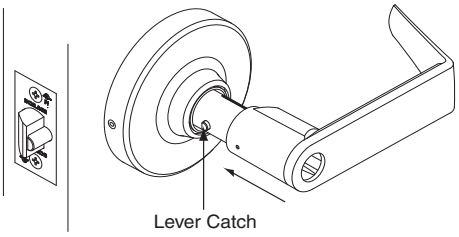
a. Align dimples on rose with grooves on spring cage.
b. Place rose against the door and rotate rose clockwise until it no longer turns.



7

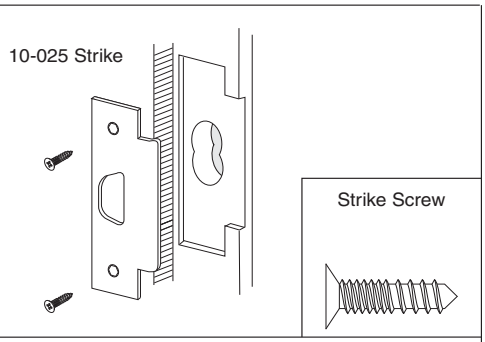
Install Inside Lever

Push lever onto spindle until lever engages with lever catch.
NOTE: For keyed levers, see KEYED LEVER section.



8

Install Strike
Install strike and secure with two (2) screws.

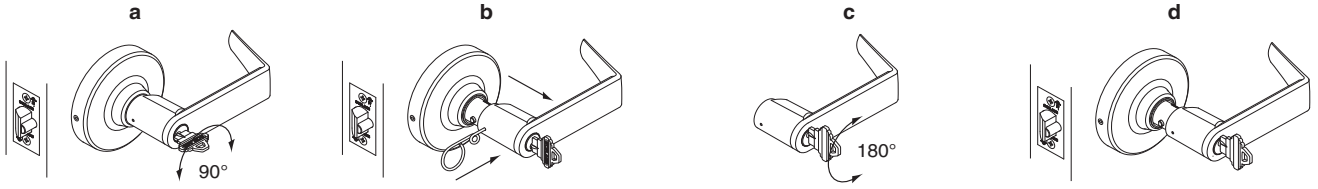


9

Check Lock Function
Test lock. If a keyed function is not working properly, check the LOCK TIMING section.

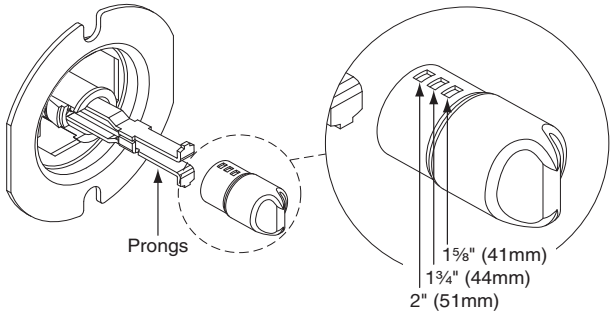
Lock Timing

For Keyed Functions
a. Insert key into cylinder. Rotate key 90° and hold (rotation direction depends on function).
b. Push pin wrench into hole and pull lever off.
c. Rotate key 180°.
d. Slide lever onto spindle until it clicks into place.

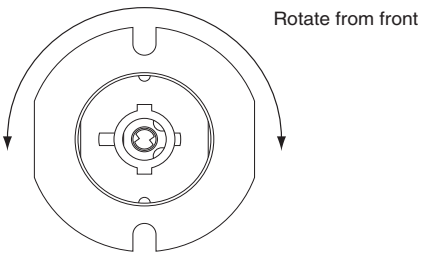


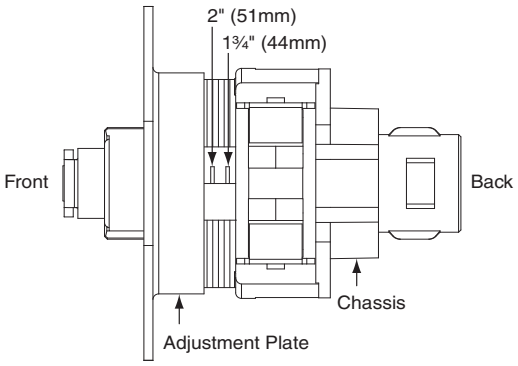
Door Thickness Adjustment

A. Adjust Button
a. To remove button, squeeze prongs together.
b. Attach button using appropriate hole as shown.



B. Adjust Chassis
a. For 1⅜" (35mm) door: Follow step c. Use optional 1⅜" (35mm) door spacers.
b. For 1⅝" (41mm) door: Rotate adjustment plate clockwise until tight against chassis. Then rotate counterclockwise ½ turn.
c. For 1¾" (44mm) door: Rotate adjustment plate until aligned with 1¾" mark. FOR ND85: Rotate counterclockwise ½ turn.
d. For 2" (51mm) door: Rotate adjustment plate until aligned with 2" mark.

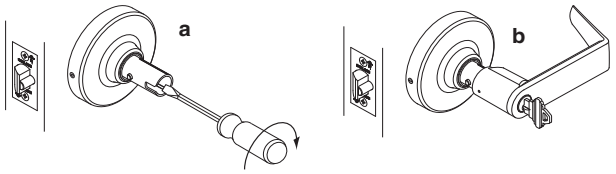




Keyed Lever

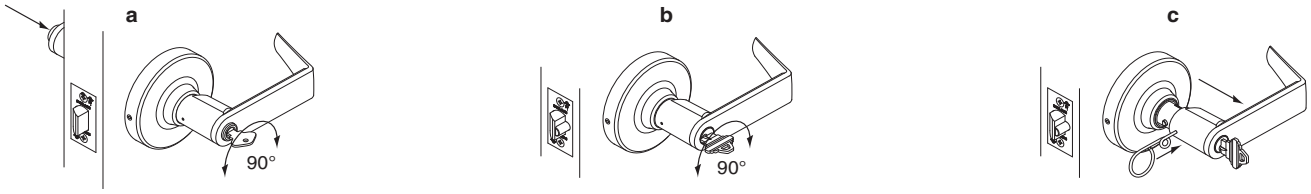
Install Lever

a. FOR ND66 INSIDE ONLY: Use flat blade screwdriver to rotate cam clockwise until cam slot is vertical.
b. With cylinder in lever, rotate key 90° and slide lever onto spindle.



Remove Lever

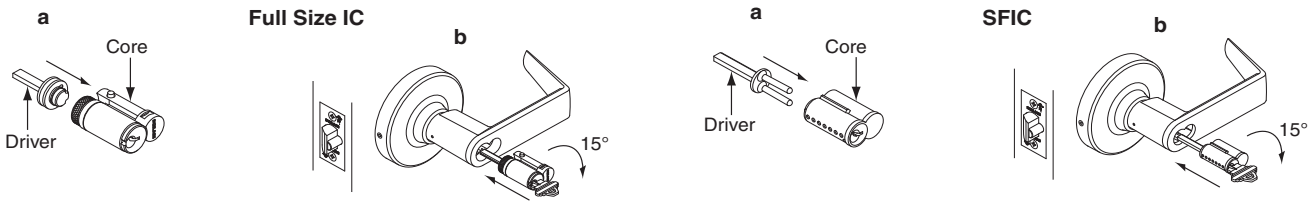
a. FOR ND40 AND N44: Push in privacy button to lock lockset. Rotate emergency button 90° and hold.
b. Insert key into cylinder. Rotate key 90° and hold.
c. Push pin wrench into hole and pull lever off.



Interchangeable Cores

Install Full Size IC or SFIC

a. Insert driver into back of core. Ensure driver is aligned as shown.
b. Insert control key into core. Turn key 15° clockwise and hold. Insert core into lever.
c. Rotate key back to remove key from core.



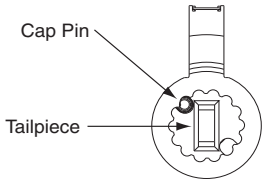
Tailpiece Installation

Use this section to retrofit an existing cylinder with a ND-Series tailpiece.

A. Remove Cylinder Cap

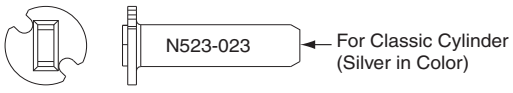
Depress cap pin, rotate cap counterclockwise and remove cap.

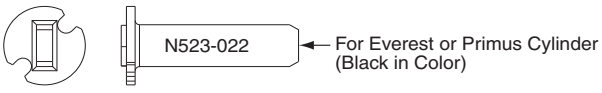
Back of Classic Cylinder Shown



B. Select New Tailpiece

Graphic shown actual size.



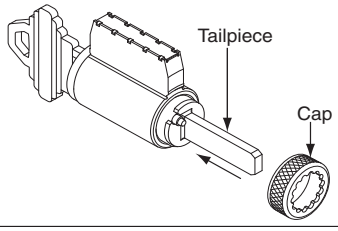


C. Install New Tailpiece

a. Place new tailpiece (in the vertical position) against back of cylinder.
b. Place cap over tailpiece.
c. Depress cap pin and rotate cap clockwise until tight.

IMPORTANT: If key does not come out of cylinder easily, cap is too loose. If key does not turn smoothly in cylinder, cap is too tight.

Classic Cylinder Shown



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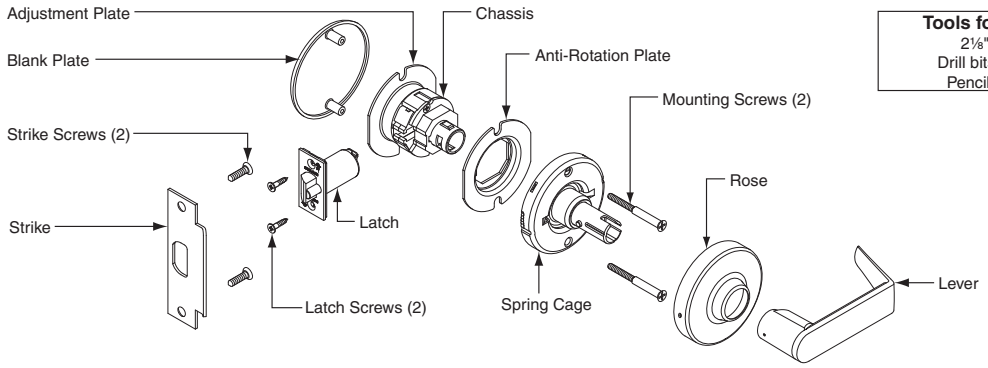
P515-168

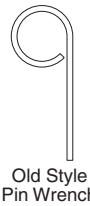
ND25 Exit Lock



Tools for Door Prep
2⅛" hole saw
Drill bits: 1", 5⁄16", ⅛"
Pencil and Chisel

Tools for Install
Phillips screwdriver

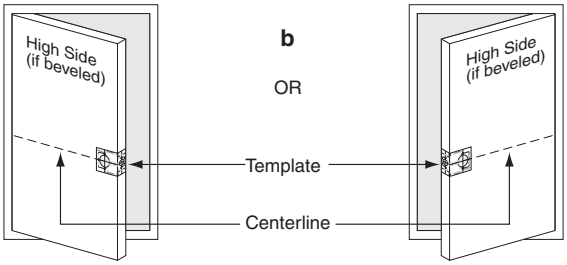
Pin Wrench

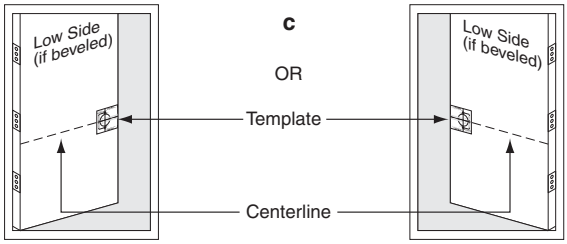

Old Style Pin Wrench

Door Preparation

A. Mark Trim Drill Points

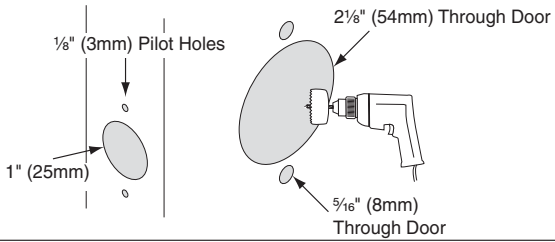
a. Mark centerline on both door faces and door edge. (Usually 38" from finished floor.)
b. Stand so door swings towards you. Fold and mark template as shown.
c. Stand so door swings away from you. Fold and mark template as shown.





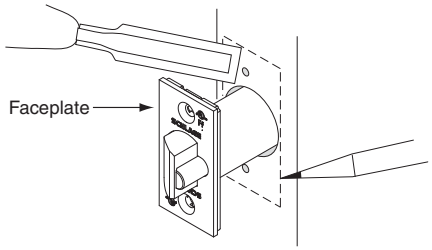
B. Drill Trim Holes

Drill holes in door face from both sides of door to avoid splintering wood.



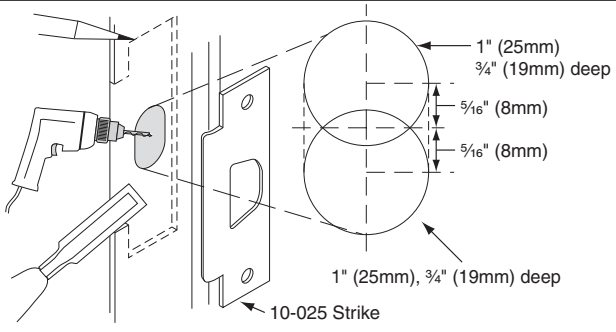
C. Mortise Cutout for Latch

Using faceplate as a pattern, mortise cutout for latch. (Faceplate should fit flush with door.)



D. Prepare Door Jamb

a. Mark vertical line and centerline on door jamb exactly opposite center of latch hole.
b. Drill two (2) 1" (25mm) holes 5⁄16" (8mm) above and below centerline
c. Mortise a cutout for strike. Use strike as a pattern for mortise. (Strike should fit flush with door jamb.)

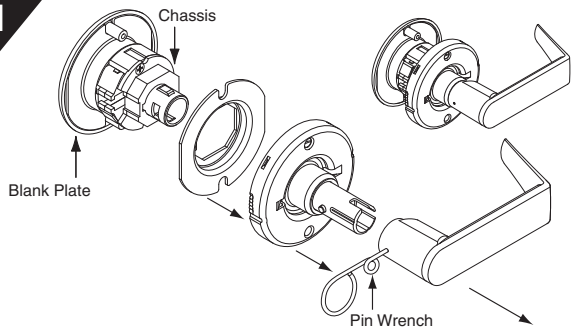


Lock Installation

1

Remove Assembly From Box

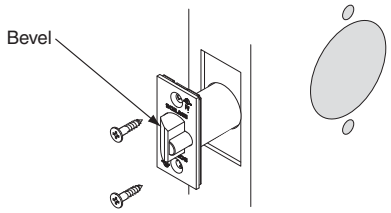
a. Leave blank plate and chassis together.
b. Remove inside lever by inserting pin wrench into hole and depressing lever catch. Pull lever straight off.
c. Remove inside trim parts as shown.



2

Install Latch

a. Insert latch into side bore with bevel facing door jamb.
b. Secure with two (2) latch screws.

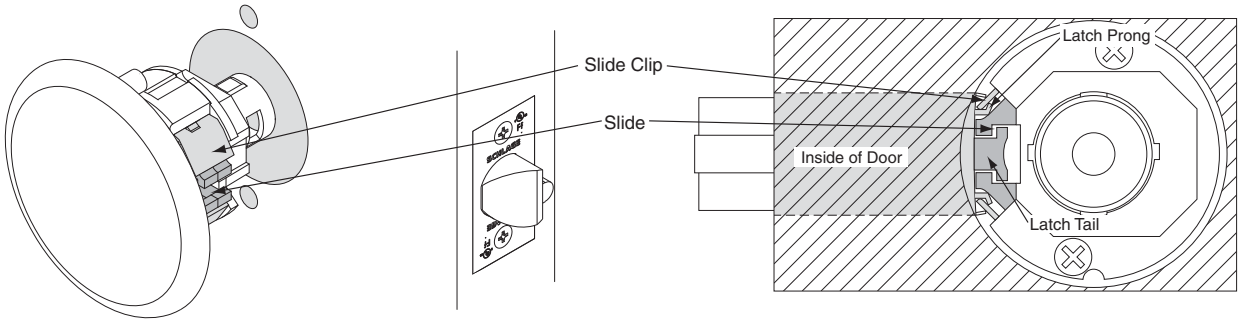


3

Install Blank Plate and Chassis

NOTE: Chassis is factory set for 1¾" (44mm) door. For other door thicknesses, see DOOR THICKNESS section.

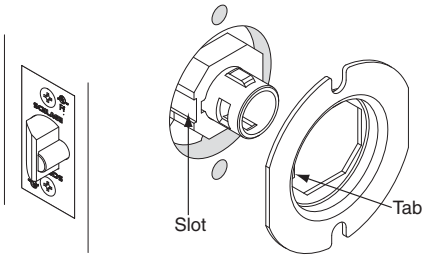
a. Insert blank plate and chassis into cross bore.
b. Latch prongs should fit between slide and slide clip. Latch tail should fit inside slide.



4

Install Anti-Rotation Plate

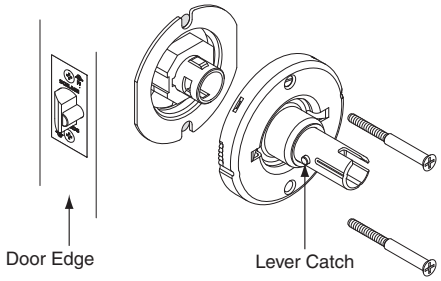
Align tab on plate with slot in chassis. Slide plate over chassis and into cross bore as shown.



5

Install Spring Cage

With lever catch facing door edge,slide spring cage onto chassis as shown. Secure with two (2) mounting screws.



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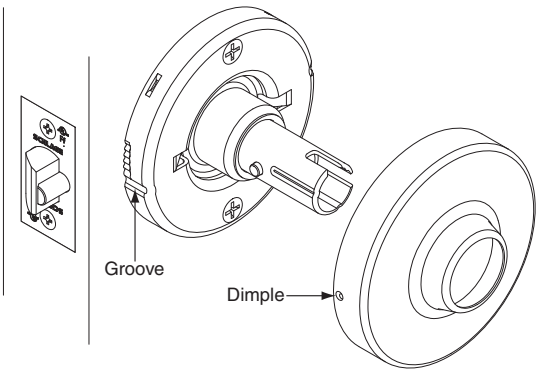
Security Technologies

6

Install Rose

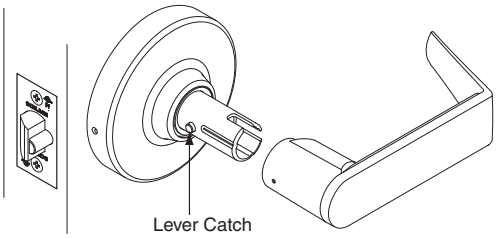
a. Align dimples in rose with grooves in spring cage.
b. Place rose flush against door and rotate clockwise until tight.



7

Install Lever

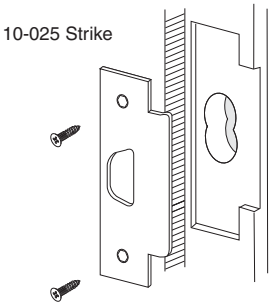
Push lever onto spindle until lever catch engages with lever.



8

Install Strike

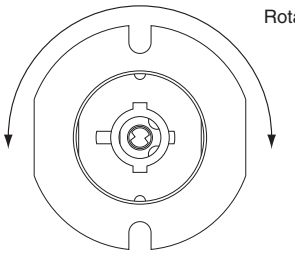
Install strike and secure with two screws.

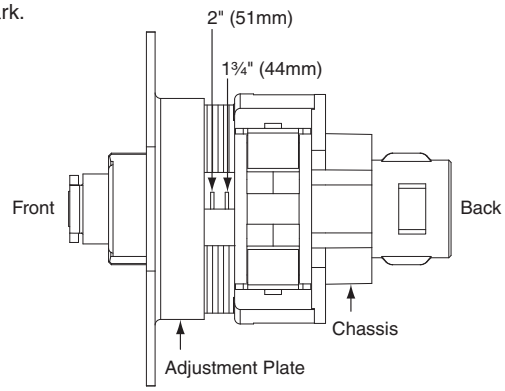


Door Thickness

Adjust Chassis

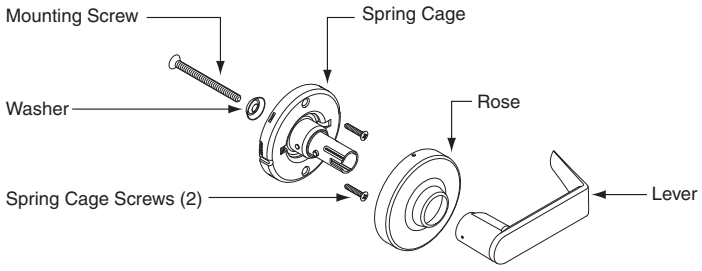
a. For 1⅝" (41mm) door: Rotate adjustment plate clockwise until tight against chassis. Then rotate counterclockwise one turn.
b. For 1¾" (44mm) door: Rotate adjustment plate until aligned with 1¾" mark.
c. For 2" (51mm) door: Rotate adjustment plate until aligned with 2" mark.





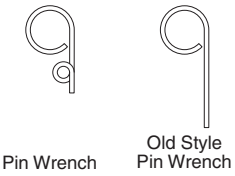
P515-169

ND170 Dummy Lock



Tools for Door Prep
Drill bits: ⅜" and ⅛"
Pencil

Tools For Install
Phillips screwdriver

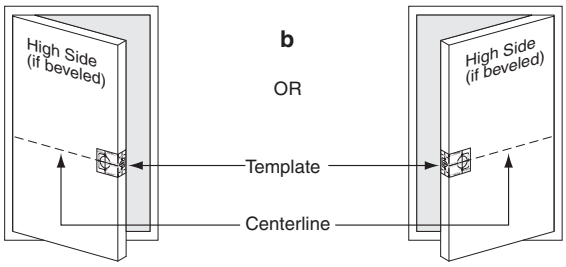


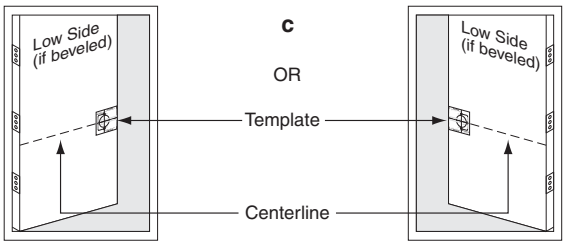
Door Preparation

A. Mark Trim Drill Points

NOTE: ONLY mark the ⅛" holes on ONE side of the door.

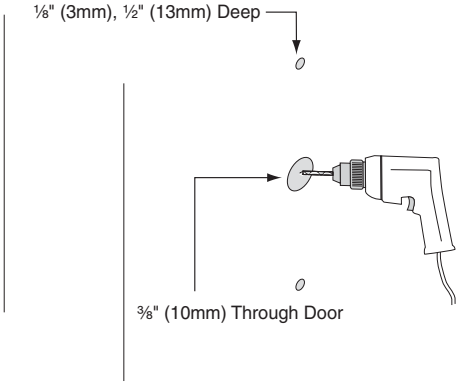
a. Mark centerline on both door faces and door edge. (Usually 38" from finished floor.)
b. Stand so door swings towards you. Fold and mark template as shown.
c. Stand so door swings away from you. Fold and mark template as shown.





B. Drill Trim Holes

a. Drill ⅛" (3mm) holes on ONE side of the door, ½" (13mm) deep.
b. Drill ⅜" (10mm) hole from both sides of door to avoid splintering wood.

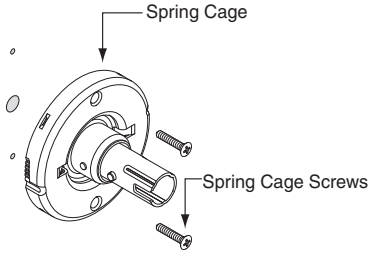


Lock Installation

1

Install Spring Cage

a. Place spring cage against door.
b. Secure with two (2) spring cage screws.



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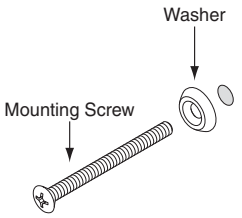
2

Install Mounting Screw and Washer

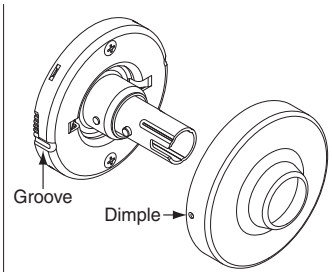
a. Insert mounting screw through washer and into hole in door.
b. Tighten until screw head is flush with washer.



3

Install Rose

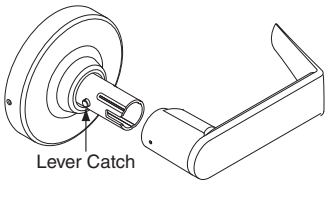
a. Align dimples on rose with grooves on spring cage.
b. Place rose against the door and rotate rose clockwise until it no longer turns.



4

Install Lever

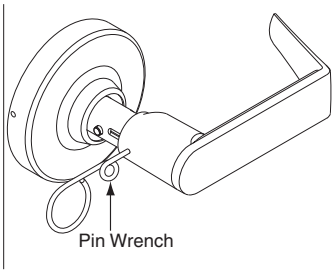
Push lever onto spindle until lever engages with lever catch.



Lever Removal

Remove Lever

a. Insert push pin into hole and depress lever catch.
b. Pull lever straight off.



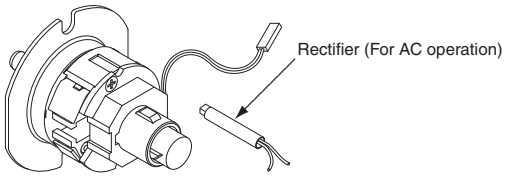
ND-Series Electrified Functions

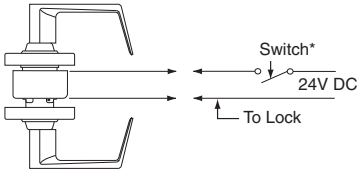
P515-185

For standard installation, see full instruction sheet.

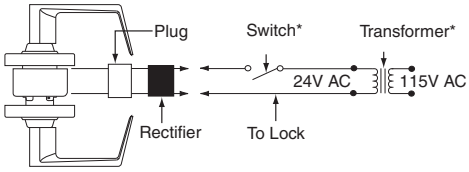
Electrical Requirements
Amps .35; Volts 24 AC.
Amps .15; Volts 24 DC.
Operation Temperature: +140°F to -22°F
All power requirements shown
are for single lock operation.

Attach low voltage wires* to pigtail of rectifier or solenoid.
Select proper wire size to minimize voltage drop.





DC Power Source



AC Power Source

**Item not furnished.*

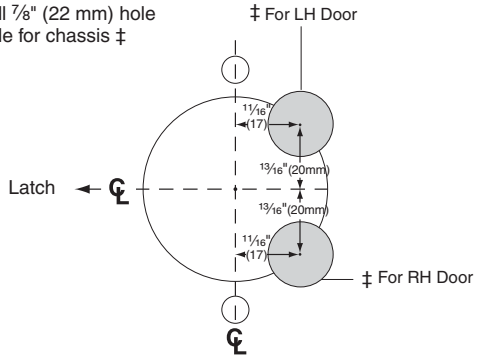
ND-Series Request to Exit Functions

For standard installation, see full instruction sheet.

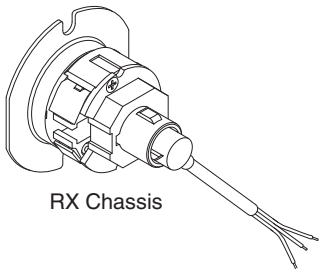
Electrical Requirements
Amps .50; Volts 24 AC.
Amps .50; Volts 24 DC.
Operation Temperature: +140°F to -22°F
All power requirements shown
are for single lock operation.

Attach low voltage wires* to pigtail of rectifier or solenoid. Select proper wire size to minimize voltage drop.

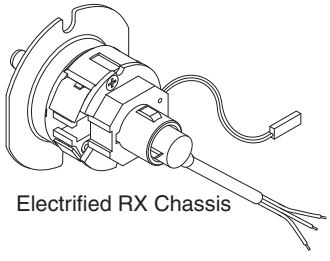
IMPORTANT: Drill 7⁄8" (22 mm) hole prior to drilling hole for chassis ‡



Normally Open—white and purple wires, Normally Closed—white and grey wires



RX Chassis



Electrified RX Chassis

**Item not furnished.*

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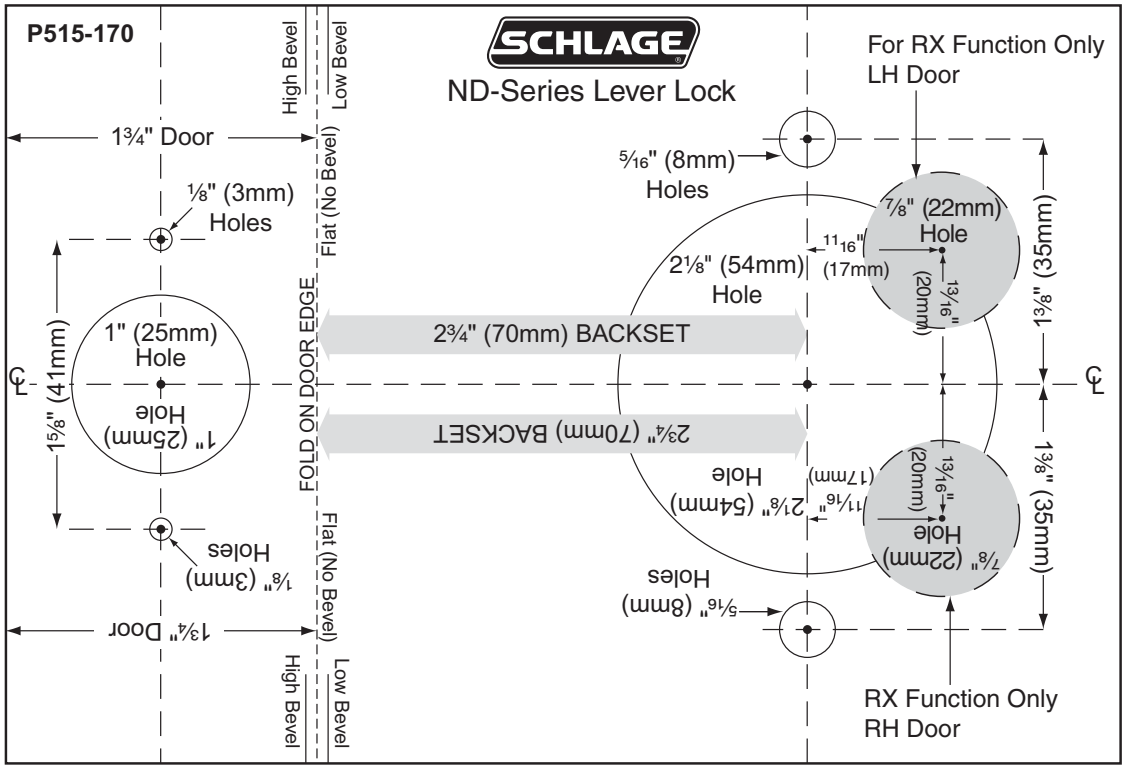
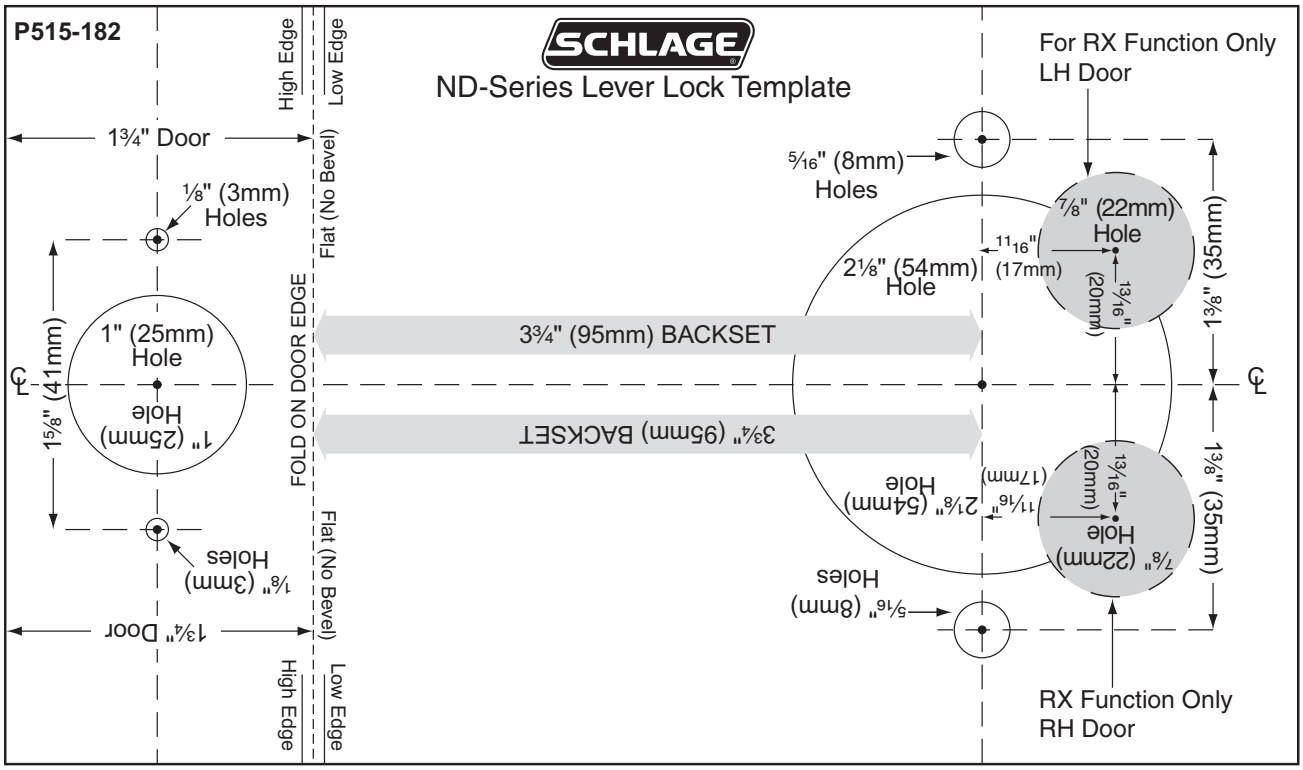
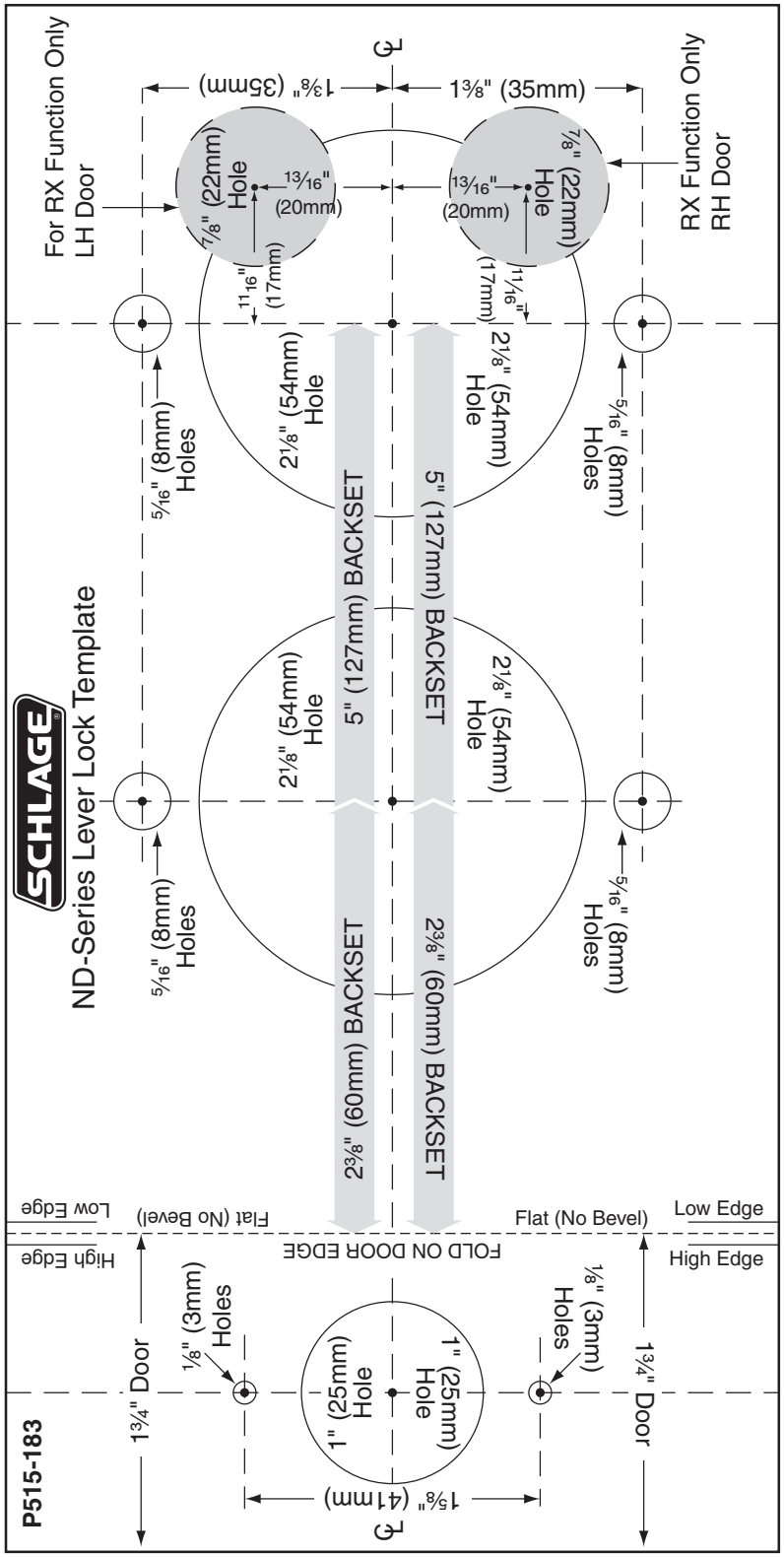

P515-170
SCHLAGE
ND-Series Lever Lock
High Bevel
Low Bevel
Flat (No Bevel)
FOLD ON DOOR EDGE
1¾" Door
⅛" (3mm) Holes
1" (25mm) Hole
1⅝" (41mm)
2¾" (70mm) BACKSET
5⁄16" (8mm) Holes
For RX Function Only
LH Door
7⁄8" (22mm) Hole
11⁄16" (17mm)
13⁄16" (20mm)
2⅛" (54mm) Hole
1⅜" (35mm)
RX Function Only
RH Door


P515-182
SCHLAGE
ND-Series Lever Lock Template
High Edge
Low Edge
Flat (No Bevel)
FOLD ON DOOR EDGE
1¾" Door
⅛" (3mm) Holes
1" (25mm) Hole
1⅝" (41mm)
3¾" (95mm) BACKSET
5⁄16" (8mm) Holes
For RX Function Only
LH Door
7⁄8" (22mm) Hole
11⁄16" (17mm)
13⁄16" (20mm)
2⅛" (54mm) Hole
1⅜" (35mm)
RX Function Only
RH Door



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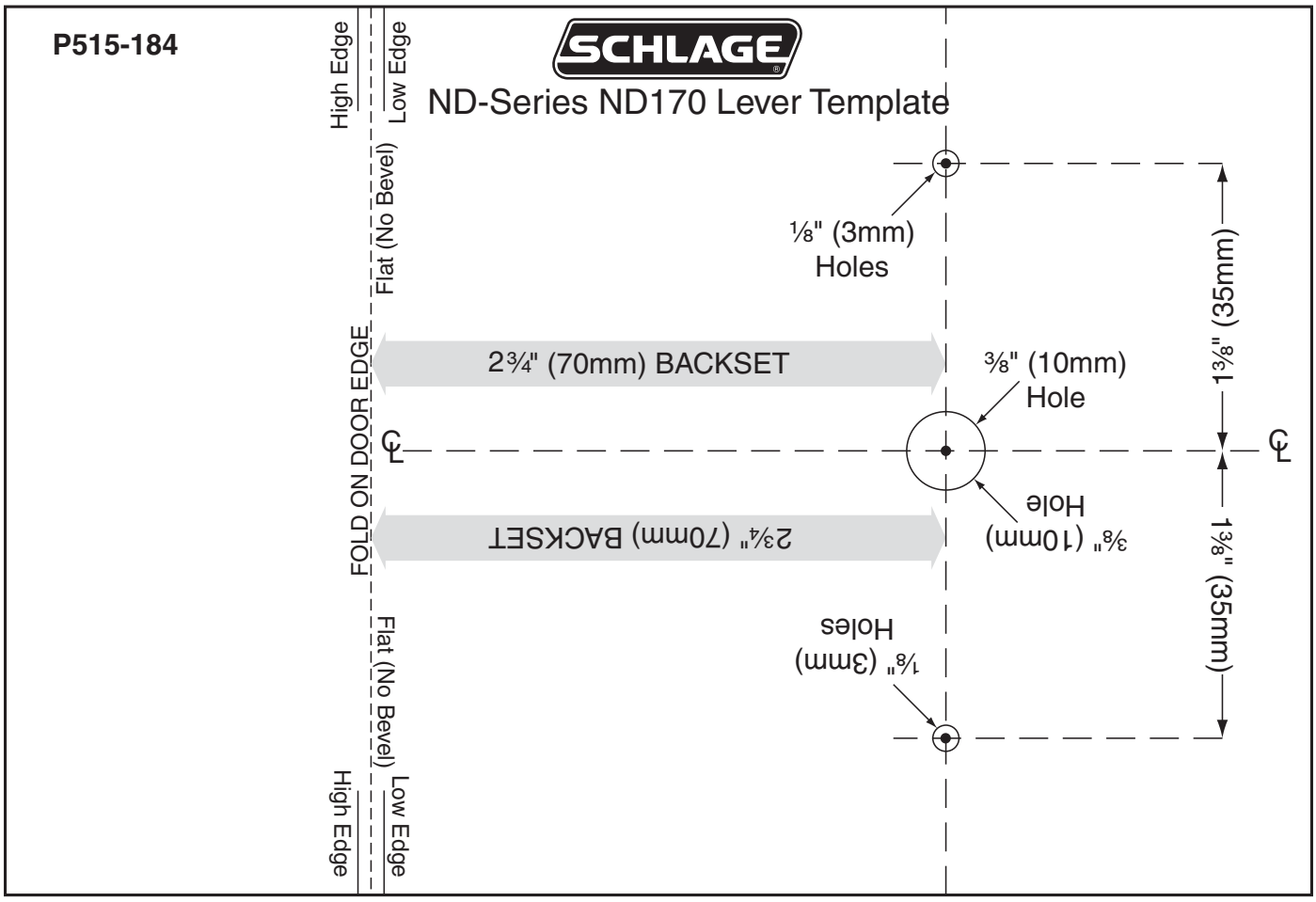
P515-184
SCHLAGE
ND-Series ND170 Lever Template
High Edge
Low Edge
Flat (No Bevel)
FOLD ON DOOR EDGE
⅛" (3mm) Holes
2¾" (70mm) BACKSET
⅜" (10mm) Hole
1⅜" (35mm)
Flat (No Bevel)
High Edge
Low Edge

Finishes

Schlage Lock finishes are durable, top quality finishes obtained by the careful processing of solid brass, bronze, stainless steel, or other materials.

Where required, a protective clear coating is applied and cured under high temperature. It is important that the climatic conditions and usage be taken into consideration when selecting finishes. This is especially true in areas subjected to strong corrosive vapors, humid climate, or sea air which, in short time, may have a damaging effect on metal finishes.

The longevity and preservation of the finish appearance is determined by base metal and finishing process. Clear protective coating or other organic finishing application may require different methods of cleaning and care. For example, non-clear coated finishes should not be cleaned with any soaps or solvents. Organically coated surfaces should periodically be cleaned with a mild non-abrasive soap and be buffed lightly with a clean cloth. The type of base metal and finished techniques must be considered when applying any cleaning or preservative method.

In some instances for customer convenience, the most appropriate BHMA (Builders Hardware Manufacturers Association) finish symbols are used to indicate similarity of appearance regardless of base metal or finishing process. Finish numbers in the 600-Series are the BHMA industry standard. The nearest former U.S. equivalent code designations are shown in parenthesis.

Finish Codes and Descriptions

Code		Description
605	(US 3)	Bright Brass, Clear Coated
606	(US 4)	Satin Brass, Clear Coated
612	(US 10)	Satin Bronze, Clear Coated
613	(US 10B)	Oil Rubbed Bronze, Oxidized Satin Bronze, Oil Rubbed, No Coating
619	(US 15)	Satin Nickel, Clear Coated
625	(US 26)	Bright Chromium Plated, No Coating
626	(US 26D)	Satin Chromium Plated, No Coating

Ordering Procedures

To order Schlage products, descriptive data should be in the same sequence as shown below.

Line Item	Qty	Product	Outside		Inside		Hand	Latch	Strike	Dr Thk	Ext	Dim	Additional Details
			DES	FIN	DES	FIN							
1	2	3	4	5	6	7	8	9	10	11	12	13	14

Line Item: Line item number.
Qty: Quantity.
Product: Complete lock product or part number.
Outside DES: Outside design code.
Outside FIN: Outside finish code.
Inside DES: Inside design code.
Inside FIN: Inside finish code.
Hand: Hand of door. Only one hand allowed per line item. Example: RH=right hand, LH=left hand, RR=right reverse, LH=left reverse
Latch: Latch. Leave blank for standard or specify part number if non-standard latch is required.
Strike: Strike. Leave blank for standard or specify part number if non-standard latch is required. LLL=less strike.
Dr Thk: Door thickness. Enter door thickness if non-standard. Example 138=1⅜", 214=2¼", 212=2½". EI or EO assumes the latch will be centered on 1" door, to which material has been added.
Ext: Extension. Enter one of the following when door 2" thick or greater are specified. EE=extended equally, EI=extended inside, EO=extended outside, ED=extended differently.
Dim: Dimension. Enter dimension for non-standard strike lip length and mortise cylinder or blocking ring length.
Additional Details: Enter detail for keying information and for special requirements.

Limited Warranty

PRODUCT WARRANTY: COMMERCIAL APPLICATIONS

Limited Warranty

Schlage Lock Company, LLC (the "Company") extends a three-year limited warranty to the original user of the products manufactured by the Company (the "Products") against defects in material and workmanship from the date of purchase. Certain Products contain restrictions to this limited warranty, additional warranties or different warranty periods. Please see below for specific Product warranty information.

What The Company Will Do: Upon return of the defective Product to the Company or its authorized distributor for inspections, free and clear of all liens and encumbrances and accompanied by the statement of defects of proof of purchase, the Company will replace the Product.

Original User: These warranties only apply to the Original User of Products. These warranties are not transferable.

What Is Not Covered: The following costs, expenses and damages are not covered by the provisions of these limited warranties: (i) labor costs including, but not limited to, such costs for the removal and reinstallation of Products; (ii) shipping and freight expenses required to return the Products to the Company; or (iii) any other incidental, consequential, indirect, special and/or punitive damages, whether based on contract, warranty, tort (including, but not limited to strict liability or negligence), patent infringement, or otherwise, even if advised of the possibility of such damages. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above exclusion or limitation may not apply to you.

The provisions of this warranty do not apply to Products: (i) used for purposes for which they are not designed or intended; (ii) which have been subjected to alteration, abuse, misuse, negligence or accident; (iii) which have been improperly stored, installed, maintained or operated; (iv) which have been used in violation of written instructions provided by Schlage; (v) which have been subjected to improper temperature, humidity or other environmental conditions (i.e., corrosion); or (vi) which, based on the Company's examination, do not disclose to the Company's satisfaction non-conformance to the warranty. Additionally, the Company will not warrant ANSI A156.2 Grade 2 lever Product installed in educational facilities and student housing.

SPECIFIC PRODUCT WARRANTY RESTRICTIONS/ADDITIONAL WARRANTIES

ND-Series Levers 7-Year Mechanical Warranty: The limited warranty is provided for a period of seven (7) years from the date of purchase and is subject to the restrictions of these limited warranties.

Small Format Interchangeable Core (SFIC) Warranty: The limited warranty also applies to Schlage locks and housings when used with another manufacturer's cores, or to Schlage cores (i.e. SFIC) when used in another manufacturer's locks and housings. The use of unauthorized cylinder cams or other components with the Products shall void these warranties.

Everest® Primus® Limited Lifetime Key Breakage Warranty: A limited lifetime warranty is provided to the original user against breakage and is subject to the restrictions of these limited warranties.

PRODUCT WARRANTIES, ADDITIONAL TERMS & CONDITIONS: COMMERCIAL AND RESIDENTIAL APPLICATIONS

Additional Terms: The Company does not authorize any person to create for it any obligation or liability in connection with the Products. The Company's maximum liability under these warranties is limited to the purchase price of the Product. No action arising out of any claimed breach of these warranties by the Company may be brought by the original user more than one (1) year after the cause of action has arisen.

How State Law Applies: These warranties give you specific legal rights, and you may also have other rights which vary from state to state.

Note: Should the Product be considered a consumer product as may be covered by the Magnusson Moss Federal Warranty Act, please be advised that: (1) Some states do not allow limitations or incidental consequential damages or how long an implied warranty lasts so that the above limitations may not fully apply; and (2) This warranty gives specific legal rights and a user may have other rights which may vary from state to state.

For warranty service and shipping instructions, Schlage and Portable Security Commercial customers contact:

Schlage Lock Company
2315 Briargate Parkway, Suite 700
Colorado Springs, CO 80920
(800) 847-1864, Option 2
Fax (800) 452-0663

The Schlage Lock Company reserves the right to make changes in designs and specifications or to make additions or improvements on its products without notice and without incurring any obligation to incorporate them on products previously manufactured. The Schlage Lock Company is not responsible for any modification, addition or alteration to our products by others.

Ingersoll Rand's Security Technologies Sector is a leading global provider of products and services that make environments safe, secure and productive. The Sector's market-leading products include electronic and biometric access control systems; time and attendance and personnel scheduling systems; mechanical locks and portable security, door closers and exit devices, steel doors and frames, architectural hardware and technologies and services for global security markets.

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